1 Running Lake, Union Co., July 14, 1877.
2 Cypress Creek, Johnson Co., Ill. July 19, 1877.
3 Dug Hill, Union Co., Ill., July 12, 1877.
4 Running Lake, Union Co., Ill., July 13, 1877.
5 Makanda, Union Co., Ill., July 23, 1877.
6 Eastern Union Co., Ill., July 18, 1877.
7 Saratoga, Union Co., Ill. July 17, 1877.
8 Johnson Co., Ill July 20, 1877.
9 Cypress Cr., Johnson Co., Ill., July 21, 1877.
10 Normal Ill., August, 1877.
11 LaSalle Co. Ill., 1876.
12 Cobden, Union Co., Ill., July 26, 1877.
13 Dug Hill, Union Co., Ill., July 12, 1877.
14 Normal, McLean Co., Ill.
15 Bloomington Ill., May 31, 1876.
16 Dug Hill, Union Co., July 14, 1877
17 Chicago July 20, 1876.
18 Cairo Ill., July 26, 1876.
19 Fountain Bluff, August 2, 1876.
20 Normal Ill., May 30, 1878
21 Fort Scott, Arkansas 1878.
22 Heyworth Ill., July 24, 1879
23 Normal Ill., Aug. 18, 1879
24 " " " 25 "
25 " " " 27 "
26 Normal Ill., July 15, 1879.
27 Camp Point, Adams Co., Ill.
28 Chicago Aug. 30, 1878
29 Henry Ill., July 16, 1878.
30 Normal Ill., June 24, 1879.
31 Kappa Ill., May 24, 1879.
32 Normal, Ill., July 8
33 Tonica June 9, 1876.
34 Starved Rock, July 9, 1879.
35 Milo, Bureau Co. July 15, 1879.
36 Bloomington Ill., Aug. 4, 1879.
37 Hannibal, Mo.
38 Bloomington May 2 1879
39 Spring Bay, May 11, 1878
40 E. Cairo, Sep. 16, 1879.
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B. C. = breeding cage [Interpretation of H.K.Lloyd, Dec. 1953].
Bl. = Bloomington, Ill. [" " " " "]
Ch = Champaign, Ill.
Nl. = Normal, Ill.

Butler, C. W. (1884)

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Little Wabash R., near Effingham, Ill., June, 1877
Mackinaw Cr., June 3, 1875.
Pine Cr., Ogle Co., Ill., Aug., '76.
Outgrowth from lower jaw. Lks. Park, May 14, 1880. chrysalis away
Galena, Ill., April, 1880. Sp. No. 9662.
Yellow Cr., ~~Tazewell~~, Stephenson Co., Ill., 5 May, 1880.
Mc Henry, Ill., May 8–10, 1880
Fox R. at Mc Henry, 9 May, 1880
Henry Co., Union Co., Ill., June 1877.
Kishwaukee R., Belvidere, Ill., 12 May, 1880
McCollum's L., Ill., 9 May, 1880. McHenry Co.
L. Michigan, S. Chicago, 30 Aug., 1878
Peoria, Ill., 1 Nov., 1878.
Pollen of Dandelion, from stomach of Hippodamia maculata, F. M. Webster, May, 1880
Lake Mich., Chicago, May, 1880.
Calumet R., S. Chicago 9 June, 1880
Waukegan, Ill., 28 Apr., 1876.
From Amara angustata, taken on June Grass., Webster.
" Anisodactylus baltimoreis, do. do.
" A. sericeus, " "
Simulium, L. George, Ind. 15 June, 1880.
Calathus gregarius, from Webster, Rec'd July 7, 1880
Podabrus tomentosus, McBride, July, 1880.
Harpalus herbivagus, " " "
Anisodactylus rusticus, " " "
Tibia atriventris " " "
Brachyacanthe ursina " " "
Intestinal parasite from Haploidonotus.
Henry, Ill., Nov., 1878.

Normal, 24 Apr., 1881. From rotting ear of corn.
" " " " Aphidæmyzites, from under board Walk, in park.
" " " " Genus ? of Mycetobia, from mould on "
" " " " Formica, " " " " "
" " " " Water " Halictus, ♀.
Long Grove, 1 May, 1881. Under pieces of wood.
" " " " " On other wood
" " " " " From Carp and Lily.
" " " " " From [illegible]
Normal " " " [illegible]
= 112.
Cyclops incisus, n. s. (See 112.)
" " b. n. s. Normal, 20/12, 77. (See 112.)

Ponds Normal, apr.; 1876.

Ill. 10 June, 1881.

Verona, Ill., 5 June, 1877

Glycerin
Dilute Alcohol.
Ponds, Normal, Ill, 20/12-77.
Dilute Alcohol
" " "

29 [illegible]

31

32 *

146 Costal cartilage from alcoholic specimen of Grampus Kowsa-
ius, Carmine, Salicylic acid, Blake, 10 Oct., 1878.

147 Same as 146. Poor Sp.

33 Commenced to mould. Removed 22 Oct, 1878. Camph.
Glycerine, after brief immersion in 1/3 0/0 Sol. of Corros. Sub.

148 Pulp of human Tooth. Carmine, Glycerine. Oct. '78. Forbes.
Catalph.

149 Fragment of Enamal, do. do. Beales treatment, Oct. 22 78 Sp. No. 9665

150 Muscle of frog. Fresh, Mounted in Glycerine Jelly, July 1878
Mrs. Forbes. Shows Sarcolemma finely.

151 V. Pectinatella magnifica, Leidy. Glycerine, Oct, 1878. Forbes.
Mounted

152 V Actinia of Polygonum hydrospiper.

153 V Sections of stem forming nucleus of stone in drupe,
Dr. C. Andrews, Chicago, Glycerine, 26 Oct, 1878. Forbes.

(No. 289, S.)

Sp. No. 9661

Sp. No. 9666.

ac. 189 Ohio R Cairo Ill., Sep. 23, 1879.
ac. 190 Mound City, Ill., Sep. 23, 1879
✓ 191 Cancer of uterus, Dr. Eldon, 5 March, 1880.
192 Peoria June, 1878
193 Henry Ill., July 20, 1878.
194 Peoria Ill. Aug 7, 1878
195 South Chicago Ill., Aug. 15, 1878
196 Mackinaw Cr., August 20, 1879 / Woodford Co. /
197 East [illegible]
198 Farm Cr., Peoria Oct. 18, 1878
199 Mackinaw Cr., Kappa Ill., June, 1879
200 Winnebago Co., Ill. Aug., 1878.
201 Peoria April 9, 1878
202 Louse of Geomys (Trichodectes) sp.? from Geomys bursarius.
203 Post W. I. Normal, July 9, 1879
204 Heyworth Ill., March 17, 1880
✓ 205 Chicago, 23 March, 1880. from [illegible]
206 Tumor of stomach, Mrs. Platt, from Dr. Lee Smith. 2 (Petit, 1 in a Cylindrical Envelope)
207 Morbid mass from Leg. Tanner City. (Brigham) (Inflammatory Tissue)
208 Normal Ill., March 29, 1880
209 Clear L., E. Cairo Ky. Sep. 28, 1879
210 Bird's Point, Mo., Sep. 24, 1879
211 [illegible] L., Oct. 27, 1878
212 Melanotic Sarcoma, Dr. Parks
213 Normal Ill. April 1, 1880.
214 Clear Lake, Ky., Sep. 24, 1879
215 Ill. Apr. 2, 1880
216 Union Co. Ill. [illegible] in bottoms July 1877
217 Mahomet Ill., April 9, 1880
✓ 218 ~~Secondary~~ Carcinoma of Liver. Dr. Barnes. Apr. 1880.
219 Chronic Gastritis, Mrs. Dick. Dr. Marsh.
220 Perkin, Ill., 16 Apr., 1880
221 Peoria, Ill., 16 Apr., 1880
222 " " 8 May, 1878
223 Pine Ter., Ogle Co. Ill., 5 June, 1877.
224 Effingham, Ill., June, 1877
225 E. Cairo, Ky., Sep. 27, 1879.
226 Perkin Ill. June 2, 1880
227 Normal Ill., June 10, 1880
228 Whiting, Indiana, June 9, 1880
✓ 229 Tumor of Leg, Dr. Windenlich.
230 Normal, June 25, 1880.

231. Rock Island, Ill. May & July June, 1880
232. Normal, Ill., July 23, 1880
233. Chicago, July 15, 1880
234. Adams Co. Ill., Aug. 1879. Sp. No. 9662
235. " " " July "
236. L. George, Ind July 14, 1878.
237. L. Michigan near Chicago July 23-27 '80.
238. Bloomington Sept 7-10 '80
239. Lacon Ill. 7/17 78.
240. Running Lake Union Co. 12 July 77.
241. Pekin Ill. Aug. 8. '80.
242. Waterman De Kalb Co. Sept. '80.
243. Stronghurst Henderson Co. Ill. 1877.
244. Deer Park 7/13 77.
245. Montak Vermillion 7/9 1879.
246. Rock R. Oregon Ill. 12/8 76.
247. Bloomington Aug 8. 1880.
248. Nipisink Lake. 5/8 1880.
249. S. Chicago Ill., P.
250. Peotonica R. June 4 1880
251. Chicago Ill.,
252. Rock Island, Ill., May & June, 1880.
253. Cache R., near Mound City Ill., Sep. 23, 1879.
254. Food of Young White Fish, Feb. 1881
255. Vermillion R., June, 1876
256. Rock Island, Ill., May & June, 1880. Hatching House
257. Rock Island, Ill., May & June, 1880.
258. Rock Island, Ill., May & June, 1880. Hatching.
259. " " 17 Feb. " "
260. " " 18 Jan. " "
261. " " 17 Feb. " Spring water.
262. " " 10 Jan. " " "
263. Rock Island, Ill., May & June, 1880.
264. Rock Island, Ill., May & June, 1880.
265. Rock Island, Ill., May & June, 1880.

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277 "Mesenteric gland. Removed for "Cancer".
278 Epithelioma of Lip, Dr. Parke.
279 Liver + Inguinal Gland. Judge Tanner. From Dr. Gunn. Slides destroyed 1939
280 Nasal Polypus. Myxoma. Dr. Parke.
281 Pools, Normal, 7 May, 1881.
282 Illinois R., Peoria, 15 June, 1881.
283 Robinson's orchard, Leslie, May 24, 1881.

292 Epischura lacustris Forbes n.s. ac. 5-57. a 1st pr. ligs. b 2d pr. &c. ♂
293 " " ♀
294 Diaptomus sicilis, n.s. Ac. 5-5-8.
295 Holopedium tenax, Forbes. n.s. "
296 Mysis relicta, ♂ Ac. 5-70
297 Mysis flagellifera ♂ " Slides destroyed 1939
298 Mysis ♀ "
299 Diaptomus sicilis, n.s. Ac. 5-5-8.
300 Cyclops bicuspidatus, n.s. Ac. 5-5-8.
301 Papillae from lower jaw of Ichthyobdella papillifera, n.s.
302 Papillae from side of head of Amblyopsis.
303 Epidermis " " "
304 Pine Lake, Laporte, Ind., 7 Dec., 1881. Towing net.
305 Pond, Woods Hole, Mass. August 24, 1881.
306 Diaptomus platypus, 305.
307 Diaptomus sicilis, var. 304
308 Chicago Water Supply. Mrs. B. W. Stevens. Rec'd. 28 Dec., 1881.
309 Diaptomus sicilis 308
310 D. platypus, n. s., Pond east of Normal, 24 Je, 81.
311 Alloeocoelus elongata, 5-16.
312 Alga, a 5-16 (Rivulariaceae) Rivularia radians, Thuret, Gom.
313 Phryganeidae larvae, a, 5-16 Lagenopsyche.
314 " " b. 5-16 Hydroptila.
315 " " c. 5-16 313-A = 315 showing case structure.

316 Chironomus larvæ, 5-16.
317 Larvæ of Agrionina, 5-16
318 Worm, a. 5-16.
Sphærium, 5-16. sulcatum, Lam
320 Amnicola, 5-16. pallida. ~~Lyca~~ Haldeman.
321 Planorbis, a. 5-16. parvus ? Sp. No. 9635
322 Physa, 5-16
323 Worms, b. 5-16.
324 Phryganid larvæ. d. 5-16. (In sand tube)
325 Mancanillus timax, 5-16
326 Worm etc. 5-16.
327 Anaylus, 5-16
328 Vorticella, 5-16.
329 Phryganid larva. e. 5-16. (Tube of pieces of Rivularia)
330 " " without case. 5-16.
331 " " f. 5-16. (Long, cylindrical, fabric of shells)
332 Planorbis. b. 5-16.
333 " c. 5-16. = 337 ? Young ?, Smooth.
334 Larva 5-16.
335 Valvata 3-carinata, 5-16
336 Planorbis, d. 5-16. (Transverse ~~rows of spines~~ hairy ribs)
337 " e, (near albus) 5-16.
338 Cypris. 5-16
339 Planorbis f. 5-16.
340 Ephmerid larva, 5-16.
341 Plumopus procurvus, Birge, 5-16. (Slide)
342 Alona sp. 5-16. (Slide)
343 Eraptolebris inermis, Birge 5-16. (Slide).
344 Scapholebris? sp. 5-16 (Slide)
345 Water Mite, 5-16. (Slide)
346 Simocephalus retulus, Müll. 5-16.
347 Daphnia? sp., 5-16. (Slide)
348 Simocephalus americanus, 5-16.
349 Spongilla, 5-16.
350 Cerangonyx, 5-16.
351 Water mite, 5-16. (Slide)
352 Cyclops. 5-16.
353 Mimite miscellany, 5-16.
354 Water mites, 5-16.
355 Camptocercus macrurus, Müll 5-16 (Slide)
356 Scapholebris 5-16. (Slide) dentata, Birge ?
357 Planorbis ?

359 Euchlanis 5-16.
360 Rhinatoid worm. 5-16.
361 Alga. (Gum) 5-16.
362 Diptrous larva ? 5-16.
363 Bosmina, 5-16.
364 Miscellaneous Daphnids, 5-16.
365 Sida crystallina, 5-16.
366 Eurycercus lamellatus, 5-14
367 Worm d. 5-16. In equal parts glyc. & alcohol.
368 Scapholeberis aurita-Ringe, 5-14
369 Planorbis 5-14
370 Limnaea like acuminata, 5-14.
371 Cratium longicorne, Perty, 5-14.
372 Canthocamptus 5-16.
373 Cercopus rubidus, Ring. 5-16.
374 S. W. Thomas, Chicago Water Supply, 10 Au. 81.
375 Centropages ♂ 374
376 Cyclops [illegible] 374.
377 Diaptomus [illegible] 5-16.
378 Cypris. near laevis, Müll, 5-16.
379 Chydorus globosus ? 5-16. (Vial)
380 Hydra, 5-16.
381 Food of Mysis.
382 Helicopsyche, larva, 5-15
383 Pisidium, 5-15
384 Phryganid l. g. 5-15.
385 Acroperus 5-21 leucocephalus. Koch.
386 Camptocercus macrourus, Müll, 5-21.
387 Mllantho. 5-15
388 Ilyocryptus 5-15
389 Planorbis a 5-15 (bicarinatus
390 Sphaerium. 5-15.
391 Planorbis b, 5-15.
392 Amnicola, 5-15.
393 Physa, 5-15.
394 Valvata tricarinata, 5-15.
395 Larva of Chironomus, 5-15.
396 Larvae 5-15
397 Phryganidae larvae 5-15. (Case of bits of shells.)
398 Allorchestes dentata. 5-15.
~~399 Worm 5-15~~ Larva of Corethra
400 Algae 5-15
401 Water Mites 5-15.

402 [illegible]

403 Phryganid larvae, 5-15 (tube of pieces of Rivularia)

404 Tubifex. 5-15) Ch. pumiformis; agls., [Wolle]

405 Worm. 5-15.; Nais;

406 Difflugia corona, 5-21

407 (= 342) 5-21

408 (= 373) 5-21.

409 Cyclops, 5-21.

410 Water mites 5-21

411 Scriodaphnia, 5-21

412 annulate Worm, 5-21.

413 Lebydonus globosus, 5-21.

414 ~~Copleochaina~~ Asconorpha ? 5-21.

415 [illegible]

416 Bosmina longirostris, Mull, 5-21

417 Euryeurcus lamellatus 5-21

418 Cypris compressa, Rd., 5-21

419 Diaptomus sicilis, var. 5-21.

420 Minute miscellany, 5-21.

421 Nematoid worm, 5-22

422 Hydra, 5-22

423 Sida crystallina, 5-22

424 Minute Misullany 5-22.

425 Phryganid larvae, 5-15. (Transparent Cases.) Limnophyclus

426 Chironomus larvae, 5-15.

427 [illegible], 5-15.

428 [illegible], 5-15.

429 Minute Miscellany, 5-15.

430 Asconorpha, 5-22.

431 Water mites. 5-22.

432 Sugar adulterated with glucose (brand "6")

433 Pure cane sugar, (brand "6")

434 ~~Hieracium~~, 5-15. Green Alga. Synechococcus elongatus, Nag. [Wolle]

435 Arcella discoides, Bladder of Utricularia, 5-15.

436 Bladder of Utricularia, 5-15.

437 Entomostraca from 436.

438 Larvae of Dragon fly, 5-15.

439 Daphnella, 522.

440 Leptodora hyalina 5-22

441 Bosmina longirostris, 5-22.

442 Corethra larvae, 5-12

443 Algae, 5-12. (Rivularia)

444 Innicola, 5-12. A. fallida; Nicholman, [illegible]

445 Valvata tricarinata, 5-12.
446 Planorbis, 5-12.
441 Phryganid larva, 5-12. (long conical case)
443 Corethra larvae, 5-13.
444 Physa, 5-13.
450 Amnicola, 5-13.
451 Sphaerium 5-13.
452 Liaptomus, 5-22.
[illegible] Corethra larvae. 5-[illegible]
[illegible] Phryganid larvae, 5-21. (long conical [illegible])
[illegible] Boleosoma, 5-21.
[illegible] Sphaerium, 5-21.
[illegible] Valvata tricarinata, 5-21.
[illegible] Planorbis. 5-21.
454 Amnicola, 5-21.
[illegible] Physa, 5-21.
[illegible] Planorbis bicarinata 5-21.
462 Sididae n g ? 5-22.
463 Valvata tricarinata. 5-22.
[illegible] Amnicola, 5-22.
466 Sphaerium, 5-22.
[illegible] Phryganid larvae, 5-22. (long conical [illegible])
[illegible] Planorbis, 5-22.
463 Chironomus larvae
[illegible] Physa, 5-22.
[illegible] Leeches. 5-22.
[illegible] Phryganid larvae, 5-22. (Transparent triang[illegible])
472 Phryganid larvae, 5-22. (Short cylindri[illegible])
473 Phryganid larvae, 5-22. (Case of Ru[illegible])
[illegible] Worms, 5-22.
[illegible] Mancasellus, 5-22.
[illegible] Spongilla, 5-22.
477 Contents of Bladder of Utricularia. (Sididae gen? here)
[illegible] Boleosoma, 5-17. Also sediment of 5-[illegible].
[illegible] Planorbis, 5-17. (with rows of hairs)
[illegible] Physa, 5-17. ancillaria.
481 Algae, 5-17. Rivulariaceae.
[illegible] Goniobasis, 5-17. semicarinata.
[illegible] Melantho, 5-17.
[illegible] Valvata tricarinata, 5-17.
[illegible] Larva, 5-17.
[illegible] Helicopsyche, larva 5-17.
[illegible] Phryganid larva. 5-17. (With winged case)

For 488 — 499 Inclusive see Page 64.

5 00 21 Sep., 1881, Surface Tow. Harbor, Chicago.
1 Dredge, 5 fath., 1 m. E. of river mouth. Gravel.
2 " 6 " 2 " " " " " Stone & gravel.
3 " 7 " 2 m. E. of Crib, gravel.
4 " 6 " 1½ " " " Sand.
5 22. Sep., 1881. Dredge, 5 fath., 1½ N. W. of Crib. Sand & gravel
6 Dredge, 6½ fath., 2 m. N. ½ W. from Crib. Sand.
7 " 7 " 5 m. E. of Marine Hosp., gravel.
8 " 7 " 6 m. a little N. of E. of Marine Hosp. Stone & a little clay.
9 23. Sep., Dredge, ~~3 fath.~~ 7 fath., 3 m. E. by S. from Harbor, stone, sand
5 10 Dredge, 7 fath., 3 m. S. E. of Harbor, sand.
1 29 Sep. Dredge, 6 fath., 3 m. N. W. of Mar. Hosp., clay, gravel &
2 3. Oct., " Fox Lake, Ill., 1 fath., 2 ft Mud.
3 " " " 4 " " "
4 Towing Net. Half way across Lake.
5 Dredge. Fox Lake. 3 feet, mud, weeds & dead shells.
6 " " 4 " Weeds.
7 4 Oct. Pistakee Lake, Ill., Dredge, 4 ft., Gravel & weeds., W. side of Cedar Is.
8 Between Cedar & Goose Is., ~~2 fath.~~ 2 fath., Mud.
9 " Goose Is. & Friend's House, Mud & a little 6½ fath. Ceratophyllum.
5 20 S. W. side of lower bay. 3@5 fath., Mud. Potamogeton, Cerato-
1 Middle " " " 5½ " " phyllum, &c. Ceratophyllum.
2 5 Oct. Fox Lake, Towing Net, From weedy bank to middle
3 5 Oct. Long Lake, " " " Goose, bright day.
3 bis# Towing Net, in Weeds near bank.
5 Dredge, 1 fath., Weeds.
6
7 = 525.
8 1 fath., Washings from weeds of Species in bottle.
9 " Sand & gravel.
5 30 5½ " Mud.
1 6 Oct. Defiance Lake, Ill. Towing Net, Clear Water.
2 " " " " Weeds
3 11 Oct., Geneva Lake, Dredge, 23 fath. Between Bon Ami Camp & Cedar P Mud, clams,
4 = 533.
5 Williams' Bay, 15 fath., Sandy mud & Leaves.
6 Off Camp Collie, 23 fath., Mud.
7 Off Evans's House, 19@20 " "
8 4 fath., Weeds.
9 ~~12 Oct. 2 fath.~~ Near Fairbanks': 1 fath., gravel, weeds.
5 40 Shore.
1 Towing Net. Open water.
2 Dredge. E. side, near Dunlop's. 1 fath., weeds, gravel
3 E. side, near Dunlop's 2 " " "

5-44 = 5-43, sand, weeds.
5 = 5-44, 2½ fath.
6 = 5-44, 4 "
7 = 5-44, 5 "
8 13 Oct. Trawl, opposite Fairbanks', 12 fath., Mud, Ceratophyllum & Anacharis
9 Bar off Black Pt., 4 fath., Sandy mud & Chara.
5-50 Off Black Pt., 23 fath., Mud & dead leaves.
1 15 Oct. Lake Mich. Off S. end of Lincoln Park, ¼ m. from shore, 2 fath., Sand.
2 Off N. end of Lincoln Park, ¼ m. from shore, 3 fath., sand.
3 ½ m. off Marine Hosp., 2 fath., sand & gravel.
4 = 5-53. (Short haul)
5 Off Lincoln Park, about ½ m. from shore, 1½ fath., sand.
6 ¼ m. off N. Chicago, 1½ to 2 fath., Sand. (2 hauls.)
7 Do. " 2 " Towing Net.
8 Towing net. Head of W. arm of Grand Traverse Bay, 24 O., P. M., weeds, sand & wood
9 Dredge, Head of W. arm " " " " , 1 fath., sand & weeds.
5-60 26 O. Towing Net. 8.30 A. M., frosty weather, All dead when taken.
5-61 Dredge, head of bay w. arm., coarse gravel & stones. 1 fath
5-62 " " " sand. "
5-63 " " " " + weeds, 1-2 "
5-64 " " " " " 3 "
5-65 Grand Traverse B., E. arm, 27 O., Dredge, But. Old Mission & Elk Rap., 10½ fath., Mud. No veg.
5-66 2 m. N. W. of Elk Rapids, 40 fath to (100?), sand.
5-67 28 O., Old Mission Harbor, 11 fath.
5-68 Trawl. Outside O. M. Harb., 10-30 fath., Chara & sand. Nitella
5-69 Sounding lead. 93 fath. From 5-65.
5-70 Trawl. 40 to 80 fath. Off Elk Rapids, Chips. No weeds.
5-71 Dredge, about ½ m. N. W. of Elk Rap., Sand. Chara.
5-72 Trawl. But. O. M. & E. R., 10½ fath., Mud. No veg
5-73 Trawl. Off O. M. Harbor, 17-27 fath., Sand, Cladophora?
5-74 Dredge, ½ m. E. of O. M. H., 105 fath., Mud. (Poor haul).
5-75 Cypris, sp., 5-15. (Utricularia)
5-76 " Tuberculata sp., " 5-15.
5-77 Entrophysis aculata, 5-15. (Utricularia.)
5-78 Chroococcus, (Utricularia) 5-15. (Very abundant in all bladders)
V 5-79 Amnicola, 5-28.
5-80 Valvata, 5-28.
5-81 Planorbis, 5-28.
5-82 Spongilla
5-83 [illegible]
5-84 Phryganid larvae, 5-28. (Without case)
5-85 Phryganid larvae, 5-28. (Sand case)
5-86 Phryganid larvae, 5-28. (Utricularia case)
V 5-87 Worms, 5-28.

488. Physa 518. Also sediment from 518. Physa ancillaria
489. Pisidium, 518.
490. Sphaerium, 518.
491. Cornicata, 518.
492. Planorbis, 518. With rows of hairs, carinate
493. Valvata tricarinata, 518.
494 Chironomus larvae, 518.
495. Physa, 520
496 Planorbis bicarinatus 520
497. Valvata, 520.
498. Sphaerium, 520.
499. Aralla vulgaris, Bladder of Utricularia, 515.
500 See preceding pages
588 Leech, 528.
589 Chironomus larvae, 528.
590 Phryganid larvae, 528. (long conical case) Leptocerid
591 Water Mite, 528.
592 Phryganid larvae, 528. (Short ~~conical~~ case)
593
594

595 Daphnia galeata ? 522.
596 Camptocercus macrourus, 522.
597 Daphnia sp., 522
598 D. pulicaria ? 522
599 [illegible], 532.
600 [illegible], 532.
601 Oscillaria sp., 532. Oscillaria natans. [Wolle].
602 ~~Amnicola orbiculata, Lea~~. 532. Amnicola limosa, Say.
603 ~~Pleurocera~~, 501. Pleurocera elevatum, Say
604 ~~Unio~~, 501. Unio luteolus, Lam. with young shell, of same.
605 ~~Goniobasis~~, 501. Goniobasis livescens, Menke
606 ~~Sphaerium~~, 501. Sphaerium solidulum, Prime
607 ~~Physa~~, 501. Physa heterostropha, Say.
608 Pebbles with pupa cases of Insects. 501.
609 ~~Pleurocera~~, 502 Pleurocera elevatum, Say.
610 ~~Goniobasis~~, 502. Goniobasis livescens, Menke
611 ~~Sphaerium~~, [illegible]
[illegible] ~~Valvata sincera, Say~~
[illegible] Somatogyrus ~~subglobosus~~ ? (~~Large~~)
[illegible]
Nostoc & sediment from, 503.
616 ~~Goniobasis~~, 503. [illegible]
617 Nostoc, 503
618 ~~Limnaea~~ 503 [illegible]

619 Pleurocera subulare, 5 07 Pleurocera subulare, Say.

[illegible]

626 Goniobasis 5-07.

627 Physa heterostropha, Say 5-07.

[illegible]

629 Pleurocera, 508.

630 Sphaerium 508. Sphaerium solidulum, Prime.

631 Chironomus larva, 508.

632 Amnicola 508. Amnicola cincinnatiensis, Say.

633 Limnaea, 508. Limnaea caperata, Say (See 2 f— No 2044 Figs)

634 Gonio Unio multiplicatus? 5-07.

635 Goniobasis, 508

636 Gonatogyrus, 510. Gonatogyrus isogonus, Say.

[illegible]

[illegible]

[illegible]

641 Hanorbis, 505.

642 Leech, 505.

643 Hanorbis, 506. Valvata sincera, Say.

644 Gonatogyrus, 506. Gonatogyrus isogonus, Say.

645 Pleurocera, 511. Goniobasis, Meek

646 Goniobasis, 508. Goniobasis livescens, Menke

647 Nostoc, 508.

[illegible]

649 Goniobasis, 509 Goniobasis livescens, Menke.

650 Sphaerium, 509. Sphaerium solidulum, Prime.

651 Gonatogyrus, 509. Gonatogyrus isogonus, Say.

652 Limnaea, 510. Limnaea catascopium, Say.

653 Goniobasis, 510. Goniobasis livescens, Menke

654 Sphaerium, 510. Sphaerium solidulum, Prime

655 Gonatogyrus, 511. Gonatogyrus isogonus.

656 Pisidium, 511. Pisidium compressum Prime

657 Leech, 5-12-

[illegible] 511. Pleurocera elevatum, Say.

659 Gonatogyrus, 5-11. Gonatogyrus isogonus, Say.

660 Goniobasis, 511. Goniobasis livescens, Menke

661 Sphaerium, 511. Sphaerium solidulum, Prime

662 Planorbis campanulatus, 5-5-11. [See Set from Oregon, No. 46.

663 Goniobasis [illegible] 511. Prime.

~~Limnaea~~, 5-5-1. ~~Limnaea~~ Limnicola Limosa, Say.

~~Somatogyrus~~, 5-5-1. ~~Somatogyrus~~ Limnicola Limosa, Say.

~~Limnaea~~, 5-5-1. ~~Limnaea~~ Limnicola Limosa, Say.

Allorchestes dentata, 5-5-2.

~~Limnaea~~ Limnicola Limosa, 5-5-3.

~~Somatogyrus~~, 5-5-4. ~~Limnaea~~ Limnicola Limosa, Say.

~~Valvata~~, 5-5-5. ~~Limnaea~~ Limnicola Limosa, Say.

~~Sphaerium~~, 5-5-6. ~~Sphaerium~~ solidulum, Prime.

~~Limnaea~~, 5-5-7. ~~Limnaea~~ Limnicola Limosa, Say. [See Set from Iryn, No 12]

~~Limnaea~~, 5-5-8. ~~Limnaea~~ Limnicola Limosa, Say.

~~Limnaea~~, 5-5-9. ~~Limnaea~~ Limnicola Limosa, Say.

~~Sphaerium~~, 5-5-10. ~~Sphaerium~~ solidulum, Prime.

~~Somatogyrus~~, 5-5-11. ~~Somatogyrus~~ Limnicola Limosa, Say.

~~Limnaea~~, 5-5-12. ~~Limnaea~~ Limnicola Limosa, Say.

Allorchestes dentata, 5-5-13.

~~Sphaerium~~, 5-5-14. ~~Sphaerium~~ solidulum, Prime.

~~Somatogyrus~~, 5-5-15. ~~Somatogyrus~~ Limnicola Limosa, Say.

~~Limnaea~~, 5-5-16. ~~Limnaea~~ Limnicola Limosa, Say.

~~Limnaea~~, 5-5-17. ~~Limnaea~~ Limnicola Limosa, Say.

~~Sphaerium~~, 5-5-18. ~~Sphaerium~~ solidulum, Prime.

~~Somatogyrus~~, 5-5-19. ~~Somatogyrus~~ Limnicola Limosa, Say.

~~Cioplax subcarinata~~, 5-6-4 Viviparа (Melantho) decisa, Say, jr. [See Set from Iryn, No 51]

~~Physa~~ Physa heterostropha, Say.

~~Limnaea~~ Planorbis bicarinatus, Say. [See Set from Iryn, No. 53.]

~~Limnaea, corpulenta~~, 5-6-4

~~Limnaea~~ Valvata tricarinata, Say

~~Limnaea~~ Planorbis deflectus, Say. jr.

690 Valvata sincera ? Say. 5-5-1 (depressed variety)

691 " " 5-5-2 " "

692 " " 5-5-5 " "

693 " " 5-5-3 " "

694 " " 5-5-6 " "

695 " " 5-10 " "

696 Diatomaceae, 5-00

~~Hydroptila~~ tala, 5-6-3.

~~Limnaea~~, 5-6-4.

~~Limnaea~~, 5-6-5.

Limnophilus larvae, 5-6-3.

Phryganid larvae, 5-6-3. (without case)

" " " (Sand tube.)

Heliopsyche, 5-6-3.

~~Somatogyrus~~, 5-6-3.

~~Planorbis~~ 5-6-3. Planorbis deflectus, jr. Say.

~~Planorbis~~ corpulenta, 5-6-3.

707 ~~Lyngbya~~ ; 1 3.
708 Wood fiber, Chicago. From Zarka.
709 Globular Nostoc. 5-08. Nostoc humiforme, Agh. [Wolle]
710 Gum Alga. 5-31. Palmella? Pleurococcus minor, Kutz. [Wolle]
711 Alga. Trichotomous filamnts. 5-04.
712 Slender Oligochaete. 5-33.
713 " " 5-34
714 Chironomus larvæ, 5-34
715 Piscidium, 5-34.
716 Carelona elongata, Hal. 5-34.
717 Sphærium, 5-34.
718 Pupa & pupa tubes of Corethra, 5-34.
719 ~~Piscidium~~ 5-35.
720 Corethra pupæ & cases. 5-35.

729 Nostoc. 5-39
730 Libellulid larva, 5-39.
731 Phryganid larva, 5-39. (Very long, slender curved cone.)
732 Aquatic larva with ~~the~~ two tufts of stem filts. each to each leg.

Chironomus larvæ, 5-23.
Allorchestes dentata, 5-23.
Larvæ of Agrioninæ, 5-23.
Nais probiscidia, 5-23.
Phryganid larvæ, 5-23. (Transparent
Larvæ. 5-23. Eb
Water Mite, 5-2-.
Phryganid larvæ, 5-23. (long conical case)
[illegible], 5-23.
[illegible], 5-23. Hydroptilan.
Mancasellus, 5-23.
Anguillulidæ, 5-23.
Phryganid larva, 5-23. (Winged sand tube.)
748 Limnetis, 5-24.
Phryganid larva, 5-23. (Tube of Pseudonia)
Leech 5-23.

[illegible] tricarinata, [illegible]
[illegible] Nais probiscidia, 5-24.
[illegible] Leptodora hyalina, 5-24.
754 Chironomus larva, 5-24
755 Cyclops, 5-24.
756 Hydroptila larva, 5-24.
757 Leech, 5-24
758 Chironomus larva, 5-63.
759 Leptodora hyalina, 5-31
760 Physa, 5-35.
761 Nais probiscidia, 5-35.
[illegible] Pisidium, 5-36.
[illegible] Chironomus larva, 5-36.
[illegible] Physa, 5-36.
[illegible] Valvata tricarinata, [illegible] shell)
[illegible] [illegible] (2 val. shells.)
[illegible] [illegible] bata, [illegible]
[illegible] Pisidium, [illegible].
[illegible] Chironomus, [illegible], 5-31.
[illegible] Planorbis sp. 5-31.
[illegible] Cammarus fasciatus 5-31.
[illegible] Allorchestes dentata & sediment from, 5-38.
[illegible] Pisidium, 5-38.
[illegible] Planorbis sp. 5-38
[illegible] Physa, 5-38.
[illegible] Valvata tricarinata, 5-38.
[illegible] Leech, 5-38.
[illegible] Chironomus, 5-38.
[illegible] Larva of Agrioninae, 5-38.
[illegible] Allorchestes dentata, 5-39.
[illegible] Planorbis sp. 5-39.
[illegible] Chironomus larvae, 5-39.
[illegible] Larvae, 5-39. (Phryganid. without tube (?).)
[illegible] Pisidium, 5-39.
[illegible] Water mite, 5-39.
[illegible] Chironomus, 5-39.
[illegible] Larvae of Agrioninae, 5-39.
788 Lacinularia, 5-31.
789 Diaptomus, 5-31.
790 Cyclops, 5-31.
791 Acanthocyclops, 5-31.
792 Entocythis aculeata, 5-25-
793 Libellulid larva, 5-44.
794 Chironomid larva, 5-44. (Very long slender conical covered tube.)

795 Hiffbugia hyrifomis, 5-25.
[illegible] Crawfish, 5-49
[illegible] Planorbis, 5-49.
799 Leech, 5-49
799 Hydrachnidae larvae, 5-49.
800 Physgnel. 5-25-
801 Worm, 5-25
802 Planaria, 5-25.
[illegible] Chironomus larvae, 5-27.
804 Valvata tricarinata, 5-27.
805 Unios & sediment from 5-45. Unio Ligamentina & [illegible]
[illegible] Sphaerium, 5-45.
807 Physa, 5-45
808 Planorbis 5-45
809 Meloutho, 5-45.
810 Allorchestes dentata, 5-48.
811 Unnicola, 5-48.
[illegible] Chironomus larvae, 5-48.
[illegible] Planorbis [illegible], 5-48.
[illegible] Leech, 5-48.
[illegible] Physa, 5-48.
[illegible] Sphaerium, 5-48.
[illegible] Pisidium, 5-48.
[illegible] [illegible], 5-25. [illegible]
[illegible] Unnicola 5-26.
[illegible] Phryganid larvae, 5-26. (Curved conical tube)
[illegible] Allorchestes dentata, 5-26.
[illegible] Nais Probiscidia, 5-25.
[illegible] Valvata tricarinata, 5-25.
[illegible] Phryganid larvae, 5-25. Hydroptila.
826 Phryganid larvae, 5-25. (Rivularia tube) Spira.
826 Planorbis sp. 5-25. (small)
827 Chironomus larvae, 5-25.
828 Water mite, 5-25.
829 Cincaria, 5-25.
[illegible] Branching Algae, 5-25. (Green colored.)
831 Alga, 5-25. (Branching, Olive colored.)
832 Planorbis sp. 5-25. (Large)
833 Physa, 5-25.
834 Larvae, 5-25. (Phryganid without tube.) +
[illegible] Chironomus larvae, 5-5-
830. Pupae 5-5-.
837 Worm, 5-5-H.
837 Chironomus larvae, 5-5-H.

838 ~~Planorbis sp.~~ 5-54 (Amnicola limosa, Say.
~~839 Gonibasis, 5-54.~~ Gonibasis livescens, Menke.
841 Gyrotropis aculata, 5-30.
~~842 Sphaerium, 5-56~~ Sphaerium solidulum, Prime.
~~843 Lymnaea, 5-56~~ ? Lymnaea, Say.
844 Valvata sincera, Say 5-56. depressed var.
~~845 Limnaea, 5-56.~~ Limnaea catascopium, Say.
846 Chironomus larvae, 5-56.
847 Worms, 5-56.
848 Phryganid larvae, 5-56 (without case) Not found in small lakes.
849 Food of Triglopsis thompsoni, 5-72
850 Hydra (budding) 5-25.
851 ? 5-25.
852 Lymnaea, 5-46.
853 Valvata tricarinata, 5-46.
854 Pisidium, 5-46.
855 Chironomus larvae, 5-46.
856 Bolosoma, 5-46.
857 Allorchestes dentata, 5-46.
858 Leech, 5-46.
859 Phryganid larvae, 5-46. (Short curved sand tubes) Le[illegible]
860 Larva of Agrioninae, 5-46.
861 Nais probiscidia, 5-46.
862 Rivularia, 5-46.
863 Worm, 5-46.
864 larvae, 5-46.
865 Phryganid larva, 5-47. (Lagenopsyche)
866 " " " (Sand tube.)
867 " " " (Without tube.)
868 Larvae 5-47. (~~Phryganid without tube.~~) Explained.
869 Nais probiscidia., 5-47.
870 Worm, 5-47.
871 Leech, 5-47.
872 Allorchestes dentata, 5-47.
873 Chironomus larvae, 5-47.
814 Amnicola, 5-47.
875 Planorbis, 5-47.
876 Valvata tricarinata, 5-47.
877 Pisidium, 5-47.
878 Valvata sp., 5-48.
879 Sphaerium, 5-50.
880 Leech, 5-50.
881 Chironomus larvae, 5-50
882 Worm, 5-50.

883 Valvata tricarinata, 5-30.
884 Valvata, sp. 5-30.
885 Chironomus larvae, 5-30.
886 Pisidium. 5-30.
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
898 Libellulid larvae, 5-39.
899 Phryganid larvae, 5-39 (tube of bits of weeds)
900 " " " (Sand tube)
901 " " " (Coiled grass tube)
902 " " " (without tubes.)
903 Chironomus larvae, 5-39.
904 Allorchestes dentata, 5-39.
905 Amnicola, 5-39.
906 Leech, 5-40.
907 ~~Allorchestes dentata~~, 5-40.
908 Amnicola, 5-40.
909 Chironomus larva, 5-40.
910 Beetles, 5-40.
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

1001 Monticello, Del., Aug. 10, 1801

1002 do.

1003 do.

1004 do.

1005 do.

1006 Monticello, Del., Aug. 10 03/.

1007 White Heath Va., Del. Aug 10 11 5/.

1008 do.

1009 Urbana, Del. Aug. 11 1801.

1010 do.

1011 do.

1012 do.

Indiana, Ill., Aug. 11, 1881.

1014. Surface net Cedar Lake Oct. 11 1882 at night

1015 Surface net at night Cedar Lake Ill Oct 11/82 Deep water

1016 Shoal water Cedar Lake Ill. Oct. 12/82 Sand flat on east sh

Surface net among lily pads in S.W. cove Cedar Lake Oct. 12

1018 From surface net X. deep water of Cedar Lake Oct. 12/82

From surface net among rushes on south shore, Cedar Lake, Oct. 12

From sieves Cedar Lake Ill. Oct. 12/82 Slides destroyed 1940

Infusoria and from seine north shore Cedar Lake Oct. 13/8

Infusoria and from seine mouth of west cove Cedar Lake Oct.

Mouth of west cove Cedar Lake, Oct. 13/82.

From seine, lily pads of W. cove Cedar Lake Oct. 13/82.

From surface net over deep water an quiet night Cedar Lak Oct. 13/8

East shore of South cove cedar Lake, Ill, Oct. 14/82.

Indiana, Ill.

4/1, Aug. 12-13. 1881.

over Vonet, Champaign Co., Ill.

East shore S. cove cedar Lake Oct. 14/82 attached to Nitella

Under side woodland rocks E. shore S. cove Cedar Lake Oct. 14/82

Under side rocks and wood along bluff E. shore S. cove Cdar Lake Oct.

Aphis from Pickerel weed E. Shore S. Cove Cedar Lake Oct. 14/82

E. Shore S. cove Cedar Lake, along bluff, among leaves at S. margin Oct. 14/82

Under side submerged wood E. shore S. cove Cdar Lake Oct. 14/82.

Under side submerged wood, along bluff E. shore S cove, Cedar Lake. Oct. 14

Among filamentous Algae at margin E. Shore S. cove Cedar Lake Oct. 14/8

along bluff E. Shore S. cove cedar Lake, underside of wood Oct 14/82.

Growing well in shore E. Shore S. cove cedar Lake Oct. 14/82.

Edges and within surface of rocks E. shore S. cove Cedar Lake Oct. 14/82.

Along bluff, Spring buds occurring at margin E. shore S. cove Cdar Lake Co

Under-side wood E. Shore S. cove Cedar Lake Oct. 14/82

Submerged twigs along bluff E. shore S. cove Cedar Lake. Oct. 14/82.

Under side leaves of Pickerel weed. E. Shore S. cove cedar Lake Oct 14/82.

Among Nitella and earth and at roots, E. shore S. cove Cedar Lake Oct. 14/

Among Nitella and soil at roots along bluff E. shore S. cove Cedar Lake Oct. 14/

From upper surface and edges of rocks and wood E. Shore S. cove Cdar Lake Oct. 14/8

In sand and under edges of rocks, Sand flat S. End, S. cove Cedar Lake Oct. 14/

In sand and S. End S. cove sand flat Cedar Lake Oct. 14/82.

Sand flat S. End S. Cove Cedar Lake Oct. 14/82.

Growing in bottom at margin along bluff E. shore S. Cove Cedar Lake Oct. 15/82

do. dredged from surface of loose sand of flat E. shore S. Cove Cedar Lake Oct. 16/82

do. Dredged on muddy part of sand flat S. Shore, S. Cove Cedar Lake Oct. 16/82.

Monticello, Ill., Aug. 15, 1881.

do. Dredged in shallow water on clayey part of sand flat S. E. cove, Cedar L Oct. 16

do. One cast of [illegible] sand sand flat E. shore S. Cove Cdar [illegible] 82.

	do.	washings from drifted vegetation, sand flat, at margin of Lake S. shore S. cove Cedar Lake Oct. 16/82
	do.	" " " " sand flat S. shore S. cove Cedar Lake Oct. 16/82.
	do.	Dredged from plant No 1. in 2½ feet of water N. Shore Cedar Lake Oct 18 1882.
1060	do.	Dredging shallow water S. W. Pt. Cedar Lake Oct. 16, 1882.
1061	do.	From under side of rocks and wood S. W. Pt. Cedar Lake Oct. 16/82
1062	do.	Dredged in shallow water S. W. Pt. Cedar Lake Oct. 16/82.
1063	do.	Sand flat S. shore S. cove Cedar Lake Oct. 16/82
1064	do.	Under leaves of Nymphaea Brasenia, &c W. Cove Cedar Lake Oct. 17/82.
1065	do.	Under side of lily pads W. Cove Cedar Lake Oct. 17/82.
	do.	Surface net, Deep water W. Cove Cedar Lake Oct 17/82
	do.	West cove Cedar Lake Oct. 17/82.
1068	do.	The masses in this vial were collected on a sandy area between the rocks of S. W. Pt. cove & the mud of W. Cove. They belong to the former & the sand plate of the S. cove no such masses occur on the rocky soil of S. W. Pt.
1069	do.	Washings from drifted vegetation at margin Sand flat S. Cove Cedar Lake Oct 17/82
1070	do.	Under side of rocks S. W. Pt Cedar Lake Oct. 17/82.
1071	do.	Dredge in shallow water along bluff E. shore S. cove Cedar Lake Oct. 17/82.
1072	do.	Dredged from plant No 1 in 2½ ft water N. shore cedar lake Oct 18/82
1073	do.	Shallow water N. Shore Cedar Lake Oct, 18/82
1074	do.	Washings from drifted vegetation sand flat S. Shore S. Cove Cedar L. Oct 18/82
1075	do.	From seine Cedar Lake Oct. 12/82
1076	do.	From seine north shore Cedar L. Oct. 13/82
1077	do.	Surface net over deep water at night W. Cove Cedar Lake Oct 20/82
1078	do.	Adhering to edges of stones E. Pt. Cedar Lake Oct 20/82
1079	do.	Sand flat S. shore Cedar Lake Oct. 20/82. Sp. C 9653
1080	Monticello, Ind.,	Aug. 16, 1881.
1081	do.	Dredged from Utricularia, Myr. and Nit. Myr. between N. shore and Isl. in 3 to 5 feet of water. Cedar Lake Oct 20/82
1082	do.	On vegetation in 4-5 ft water W. of Island Cedar Lake Oct. 21/82
1083	do.	Dredged in two fathoms water off E. shore. S cove Cedar Lake Oct. 21/82.
1084	do.	Among rocks E. shore of Island Cedar Lake Oct. 21/82.
1085	do.	On one fathom on Utricularia, ceratophyllum, myriophyllum &c off E. shore S. Cove Cedar Lake, Oct 21/82.
1086	do.	Dredged in four fathoms of water E. shore Cedar Lake Oct. 21/82.
1087	do.	On stem and under side leaves of Nymphaea Brasenia (?) Cedar Lake Oct. 22/82
1088	do.	Surface net over deep water in Evening For Lake Oct. 22/82
1089	do.	" " " Myriophyllum active swimmers, bell plates constantly vibrating. For lake Oct. 22/82
1090	do.	Surface net shallow water in evening For lake Oct. 22/82.
1091	do.	On 6 fathoms off E. shore S. Cove Cedar Lake Oct. 23/82.
1092	do.	Among lily pads near mouth of cove W. cove Cedar Lake, Oct. 23/82.
1093	do.	On four fathoms S. cove E. shore Cedar Lake Oct. 23/82.
1094	do.	On 4 fathoms our Myriophyllum off E. shore S. cove Cedar Lake Oct. 23/82.
0783	Monticello, Ind.,	Aug. 17, 1881.
1096	do.	Mud off bottom 5-6 fathoms water S. cove, Cedar Lake Oct. 23/82.
1097	do.	Surface net bright day slough pond, Lake Co. Oct. 25/82.
1098	do.	" " Sand Lake Oct. 25/82.
1099	do.	Cedar Lake Oct. 25/82.
1100	do.	Ced- Oct. 82.

do. [illegible] West cove Cedar Lake Oct. 1882.
do. [illegible]
do. Surface at over shallow water in evening. Fox Lake Oct. 22/82
do. [illegible] surface at 2 P.M. Oct. 25 '82.
do. through frost " " " Oct. 23/82.
do. Pines in lieu of wild rice Fox Lake Oct. 15/82.
do. Caudina larvae from surface net Deep 2. Oct. 12/82.
do. " "
do.
do.
do. 2
do.
do.
do. Villa Ridge Sept 11. 83
do. Cobden Ill Sept 10 & 13. 83
do. Murphysboro Ill Sept 15. 83
do. Sweepings wheat stubble Du Quoin Ill Sept 7. 83
do. " " " Carbondale " " 8 & 9 "
do. " Early strawberry field Anna Ill " 13 "
do. " Goodrichs " " Cobden " " 11 "
do. From roots and about plants Goodrichs fld Sept 11. 83
do. Sweepings Hardners Stby field Villa Ridge " 12 "
do. Geometrid larvae on plants Websters Stby fld Centralia Sept 6. 83
do. Crown Borer Bruntons new field Centralia Ill Sept 6. 83
do. Sweeping Websters Stby fld " " " " "
do. From bleeding peaches Websters Orchard " " " "
do. Feeding on lateom in crown of plant Hardners field Villa R.
do. Du Quoin Ill Sept 7. 83
do. Centralia Ill Sept 6. 83
do. Taken on blossoms of Eupatorium serotinum (1116)
do. Insects (mostly Coleoptera). — One remarkable orthopter. Monticello, Ill, Aug. 17, '83 A. B. Seymour
do. (1116)
do. Larva found feeding on Iron weed (Vernonia?) 1112 B. C. Dead
do. Cabbage worm nly. dead. Sept. 19. '83.
do. Buf inf. from 3903 infected from 1135 Sept. 19. '83.
do. Parasitized Geometrid larva Prof. L. Bruner
do. Insects flying in the air Ill Sept 2. 83
do. Plant lice running about on fences Ill Sept 21. 83.
do. [illegible]
do. Taken among 1139
do. Hemipter feeding on Lepidopterous larva Ill Sept 21. 83
do. Work of insects in Clover seed Carbondale Ill Sept 16. 83
do. Diabrotica longicollis on Solidago and Thistle Ill 9-22-83 "

	do.	Aphidae on leaves of soft maple Nl Sept 24, 83
	do.	" " Negundo aceroides " " " "
	do.	" " " " " " " another s/s
	do.	" " Elm " " " "
	do.	Coccidae on leave of Sept maple " " "
	do.	Aphides on Willow " " "
	do.	Myzilla maculata on ears of corn in company with corn aphis Nl Sept 24-83
1152	do.	
	do.	Burrowing under bark of European Larch, Nl. 28 S., '83.
1154	do.	Under side of leaves of Strawberry, Nl., 1 O., 83 (Coccid)
1155	do.	Pulvinaria innumerabilis, Leaves of Acer. dasyc., Nl., 1 O., 1883.
1156	do.	" " " Strawberry " "
1157	do.	Leaves of strawberry, Nl., 29 S., 1883.
1158	do.	Winged plant lice Strawberry leaves, Normal, 29 S. 83 H. A. Osborn
1159	do.	Under stones, sandy ground near water, Minn., S. '83.
1160	do.	
1161	do.	
1162	do.	
1163	do.	
1164	do.	
1165	do.	
1166	do.	
1167	do.	
1168	do.	
1169	do.	
1170	do.	
1171	do.	
1172	do.	
1173	do.	
1174	do.	
1175	do.	
1176	do.	Protozoan. Intestinal parasite of cabbage worm, Nl. 6 O., 83.
1177	do.	From apparently healthy, full grown cabbage worm, " 7 O., 83
1178	do.	Fatty bodies of healthy larva (full grown) of Papilio Ash. " 6 O., 83
1179	do.	Normal Dec Oct 1st & 10. 83
1180	do.	
1181	do.	
1182	do.	
1183	do.	
1184	do.	
1185	do.	
1186	do.	
1187	do.	
1188	do.	

Phareus carnifex, Elmira Ill. July 83. Dr. Boardman

Pseudophus longirostris, megnin, nov. Equi. Dr. Williams, 10 N. 83.

Ent Ill May 1883

Normal " July "

" " " 29, 1879

Collected + brought to Lab without date or loc probably from abt Normal, Ill. during 1883.

Young Mantis from Eggs collected at Tamaroa Ill Sept 22. 82

Larva of Chlaenius pilicata (waith case removed) Ants nests Ill Nov

Normal Ill Dec 1st 1883.

1214 Placed in earth for breeding B.C.

From 3687 Aug 20, 83

" " " 21 "

" " " " to 22 "

" " " 23 " 30 "

" " " 30 " Sept 3, 83

Under debris about Ill Dec 4. 83

Aphides (root form) from Ent Ill Sept Kings Dec 5, 83

Larvae of strawberry root weevil (Otiorhynchus or Sciopithes) from Ent Ill yy.

~~Ants brought to Lab for Expt Dec 5, 83~~ planteta, Anna, Dec. 7, 1883

Sciodonta tuberculus. Taken at crown of strawberry plant in Ent Ill yy field. Anna, Dec. 7, 83

Lygus lineolaris " " " " " "

Xylodromus fragariae, adult, " " " " " "

Lepidopterous larvae " " " " " "

Hemiptera " " " " " "

Misc. insects from mulching about strawberry plants Anna, Dec. 7, '83.

Henry Ill, Aug. 23, 1881. Misc. insects from under bark, soil &c at edge of strawberry field Anna

Bibio larvae from under stones &c. at edge of Ent Ill strawberry field Anna, Dec. 7, '83.

[illegible]	do.	1 isc. insects from grass at margin of Earle's strawberry field, Anna, Dec. 7, '83.
[illegible]	do.	Paria aterrima, adult, from mulching of strawberry field. Goodrich's place, ~~Anna~~ Cobden, Dec. 8, '83.
[illegible]	do.	Scelodonta, adult, from under mulching of strawberry bed " " " " " "
1236	do.	Misc. insects from older part Goodrichs strawberry bed " " " "
1237	do.	" " " mulched " " " " " " " "
[illegible]	do.	Scelodonta? larvae from yg. " " on Goodrichs plce. " " "
[illegible]	do.	Misc. insects " " " " " " " " " " " "
1240	do.	Paria aterrima " " " " " " " " " "
1241	do.	Scelodonta larvae in moist earth " " " " " " " " " "
1242	do.	" " " " " " " " " Earle's " Anna Dec. 7, 1883.
1243	do.	~~Crustacea~~ & Hemiptera &c. from pool of water Anna Dec. 7, '83.
[illegible]	do.	
Dupl. 1242	do.	
1243	do.	
1244	do.	Misc. insects strawberry field Anna, Dec. 7, '83
1245	do.	Earth worms " " " " " "
1246	do.	Hessian fly (flax seeds & larvae) " " " " wheat field.
1247	do.	Orthoptera from under logs " " " "
1248	do.	Misc. insects from strawberry bed on Mr. Jno. B. Miller's farm, Anna, Dec. 10, '83.
1249	do.	Insects from Nicks cave Cobden, Dec. 10, 1883
✓ 1250	do.	Entomostraca from Bluff L. & pools at its margin, Dec. 11, 1883.
1251	do.	Scelodonta? larvae from cells in earth of strawberry beds on Goodrichs place Anna, Dec. 8, '83.
✓ 1252	do.	Asellus from pools in limestone quarry, Anna Dec. 9, '83.
1253	do.	Case fly larva from pool at margin of Bluff Lake, Dec. 11, 1883
1254	M. S. Henry, Del., Aug. 20, 1881.	
1255	do.	From Blackberry ~~canes~~ leaves, Anna, Je. 19, 1883, H. S. Earle
1256	do.	" Strawberry field " May " " " "
1257	do.	" Raspberry " " on June 15 " " " " "
1258	do.	Scelodonta ~~Haltica~~ & larvae from pond field of strawberries; remainder sweepings Anna, Je. 1883, H. S. E.
1259	do.	From Raspberry, Anna, Je. 14, '83. H. S. Earle.
1260	do.	" Strawberry field, sweepings, Anna Je. 14, '83. H. S. Earle.
1261	do.	" " " on ground " " " " " " "
1262	do.	" new " " " " 29 " " " "
1263	do.	" Blackberry leaves & grape leaves in fence row of same field [1262] Je. 29, '83. H. S. E.
1264	do.	Sweepings from strawberry plants Anna, Je. 28, '83 " " "
1265	do.	" " old " " " " " " " " "
1266	do.	Crustacea from pool of water nth. of Anna, Dec. 7, 1883.
1267	do.	Sweepings from wheat field stubble Centralia Dec Sept 6. 83 (a+6)
1268	do.	
1269	do.	
1270	do.	Eggs from 1267
1271	do.	" " "
1272	do.	" " "
1273	do.	Fro - Cocoons in B.C. Appeared June 1883.

Ants brought to Lab for Expr Dec 5, 83

Beans infested by weevil (1190)

ants + aphides with eggs of, latter from Ant-hill on farm N of Davis Station Dec 11, 83

Attempt at culture of friar blight on Burdell Slides destroyed 1938

Larva + pupae of Hessian fly, removed from flaxseeds Jan. 2, 1884.

Wheat from Butler Co. Dec. 2, 1883.

Worm galls on Box Elder Nl 7/15/79

Larva of Chlaenius plicata ? C.C. Nl 13 Brown Aurora Dec 7 68.80.

do. Podura Magnolia Ill. Jan 10. 80.

do. Thrips dae. from Mullein Nl 9/26. 79.

do. Eggs of Mantis carolina. Cairo Ill Oct 79.

Contents of stomach of Acris gryllus, Nl

" " " " " "

" " " " Chorophilus triseriatus.

" " " " Hyla versicolor "

" " " " Chioph. triseriatus Nl. Mch.

" " " " Hyla versicolor " — Je.

" " " " " July

Contents of stomach of " " Unona Aug. 1, '83. Bellbrook Co.

" " " " Rana halecina Nl.

" " " " " " "

" " " " Amblyst. tigr (larva).

" " " " " " "

" " " " Rana halecina (larva) Slides.

do. Insects Saratoga Union Co Dec 17/7.77.

do. " & Cairo 74 Sept 26.79.

do Chrysalids of Pieris rapae (stock, material).

do. Eggs of Katy did Nl Apr 24.82.

do. Plant lice from Plum (California T.S. Earle

do. aphides? Loc? Plant? Date? before 1882

do. Mole cricket & Mc Collums Lake McHenry Co Dec May 10 80

do. [illegible]

do. ~~3#~~ Parasite on 3086. date?

do. Nl Jan 29. 84 Crawling abortion ica

do

Diaspis rosae, Sandberg. Raspberry canes, Anna Ill. 5.7.84

Slide of 1315:

B.G. Apant. [illegible]

18	do.	Phalenid larva Hammonds place Nassau Ill June 26.83	Biston urearia? B.C.
		Larvae on crops Butlers Garden Anna Ill Sept 13.83	B.C.
1320	do.	Beds from larvae infesting willow.	B.C. Apatela oblinita
1321	do.	Dead pupa from	
1322	do.	Flat Seed's & new larvae in wheat Dundonin Ill July 4, 83	B.C.
		Hessian fly	B.C.
1324	do.	do do	B.C.
1325	do.	Eggs of Entoma? Human. Per amum. Feb., 1884.	
1326	do.	Larvae in bark of Pine Ill July 27.84	B.C.
1327	do.	Pupae " " "	B.C.
1328	do.	Parasitic Scale	
1329	do.	Collected by sifting leaves in woods Bloomington Ill Mar 14, 84	
1330	do.	" " " " " " " " " 16 "	
1331	do.	Beaver Ill June 83. H.A.P.	
1332	Cena		
1333	do.	Normal Ill March 20, 84 Univ. grounds.	
1334	do.		
1335	do.		
1336	do.		
1337	do.	Phoxopteris ~~Arachytopera~~ comptana; Normal, Ill. June 7, 76.	
1338	do.	Galls on wild blackberry, Carbondale, Mch 30. 84	B.C
1339	do.	Root-worms. From about roots of ~~strawberries~~ Villa Ridge, Ill, 3 Ap., 184 Robison's old field.	
1340	do.	Clisiocampa sylvatica larvae, Villa Ridge Apl. 2 84	
1341	do.	Villa Ridge, Apl 3, 84. Misc. Insects	
1342	do.	♂ & ♀ Lygus lineolaris in copula Anna, Ill, Apl 4, 84	
1343	do.	Forest tent-caterpillar, Anna Ill, Apr. 4, 84	
1344	do.	♂ & ♀ Scelodonta from Evening Primrose, Anna Ill. Apl 4 84	
1345	do.	Larvae from ground infested last year by beetles. Anna. Earl's field, 5 Ap. 1884	
1346	do.	Larvae of ~~beetle~~ Scelodonta from strawberry field in S. Ill. B.C. Apl 9	
1347	do.	Rootworms from about roots of strawberries. Goodrichs field, Cobden. B.C. Apl. 9/84.	
1348	do.	Earth from roots of clover & Carbondale. To Clover Ridge B.C. Apl. 9/84.	
1349	do.	Ins. from Goodrich's strawberry field, ~~Apl~~ Cobden, Mch 31/84	
1350	do.	Misc. Ins Cobden, Ill, Mch 31 84	
1351	do.	" " " Villa Ridge, Apl 3, 1884.	B.C. Apl 9/84.
1352	do.	Pupae from cells in earth about strawby roots. Cobden, Apl. 6/84.	
1353	do.	Misc. Ins. Anna, Ill, Apl 6. 84.	
1354	do.	" " , Carbondale, Ill. Apl 7, 84.	
1355	do.	Chinch Bugs: Waterman, Ill, Apl 14, 84	
1356	do.	Lygus lineolaris, dead, from 4132	
1357	do.	Scelodonta pubescens, dead, from 0. Exhibit Bottle, found in 1439.	Tyloderma fragaria
1358	do.	Sciara sp. Waterman, Apl. 14, 1884	
1359	Yoe	Lab. Ill. (Ann.) 1, '84.	
1360	do.	Spiders, taken under boards. Waterman, Ill, Apl. 10-13, 84	
1361	do.	Misc. Ins. from [illegible] Dec. [illegible]	

	do.	[illegible] Apl 11 1884
	do.	Misc. Diptera, Waterman. Del. Apr. 10-13, 84
	do.	Orthoptera. Waterman. Del, Apr 12-18, 1884.
	do.	[illegible]
	do.	Coleoptera larva, Waterman, Del, Apr. 12, 1884
	do.	Infesting Staphylea & Diptera, found in 3241.
	do.	Alcmodes, from 4191
	do.	Miscellaneous [illegible] Normal Apl. 17 84
	do.	" " Normal, Apr. 17, 84
	do.	Myriapoda, " " " "
	do.	Larvae, " " " "
	do.	Crustacea, " " " "
	do.	Aphides from strawberry plants, Nl. Apr 17, 84
	do.	Coleoptera. University pond, Nl. Mch. 17, 1884.
	do.	Lep. Larvae, Normal, Apr 17, 84
	do.	Coleoptera " " " "
	do.	Myriapoda " " " "
	do.	Hemiptera " " " "
	do.	Hymenoptera. " " " "
	do.	Spiders " " " "
	do.	Dipterous larvae " " " "
	do.	Coleopterous " " " "
	do.	~~Teeth of Minnibus atherinoides, Inlet~~
	do.	~~Food of Hybochynchus notatus, Apl~~
	do.	Sp. spiders from egg in box with Lasius flavus, Apr. 18, 84.
	do.	Vineyard, Tel., Aug. 31, 1881.
	do.	Parasites of Hybonhynchus notatus.
	do.	Nl. November, 1883.
	do.	Under bark of fallen pine. Nl. Apr 18. 84
	do.	Normal, Apl: 18, 84
	do.	University pond, Nl, Apl. 19, 1884.
	do.	Telephorus bilineatus from 1352
	do.	Beetle bred from 4154 Amara.
	do.	Telephorus bilineatus from 1352
	do.	Hymenopterous parasite from 4148
	do.	Apatela from 1317. A. obinita
	do.	Bdellus sp. found in 1348
	do.	Larvae & pupae of Telephorus bilineatus from 3200.
	do.	Lachnosterna from E. W. Doran, Chenoa, Ill.
	do.	Mites, parasitic on 1400.
	do.	Tineid larva, feeding on buds of Soft Maple; Nl. Apr 18, 84 B.C. H.C.
	do.	Bean Weevil, Bloomington, Ill. Mr. Packard. Apr 24, 84
	Union?	Ill., Sept. 1, 188[illegible]
	do.	Larva of Callimorpha. Nl. Apr 24, 84. B.C. Found on Dock C. leconteii Bd

1405 do. Normal Ill. Mar 22. 84.
1406 do. do do 24 ..
1407 do. [illegible]
1408 do. [illegible]
1410 do. [illegible]
1411 do. [illegible]
1412 do. [illegible]
1413 do. [illegible]
1414 do. [illegible]
1415 [illegible]
1416 do. Normal Ill. Mar 26, 84.
1417 do. [illegible]
1418 do. Vickroys Sch field Nl Mch 27, 84 (under muleh)
1419 do. Bloomington " " " " " (woods)
1420 do. Ant hill, beside stream, in pasture Nl. 1 Ap., 84
1421 do. Lasius aphidicola? & Schizoneura paniculi. Ant hill; had lived by (King's cornfield, Nl. 1 Ap., 84)
1422 do. Normal. 1 Ap., 1884.
1423 do. Bolbus arvensis, Say. (Buchman,) Fanningdale. 30 Mch., 84.
1424 do. " " "
1425 do. [illegible] Destroyed 2-23-88
1426 [illegible] Lythrurus diplaemius var gracilis Rock R. Ogle Co. June 15, 1877.
1427 do. " " Cache R. Union Co July 17, 1877
1428 do. Lasius aphidicola w. Schiz. paniculi & aphides eggs from decaying log, Nl. Apr. 5, 84. (dried in the box)
1429 do. Aphides, just hatched from eggs in lot 1428. Apr. 8, 84.
1430 do. Phoxopteris comptana, Endicottii field, N. Roly., 3 Ap., 84.
1431 do. Diaptomus gracilis (Europe) antennae, & the legs of ♂, & post abdom.
1432 do. From rocks head at edge of water [illegible]
1433 do. [illegible]
1434 do. Galls from Silphium perfoliatum, Nl. Ap. [illegible] B.C.
1435 do. [illegible]
1436 do. Acacian fl. fascia, antl. pupa cases, &c, found dead in 3[illegible]7, 1.
1437 do. Small coccinellid from 3[illegible], etc.
1438 do. Eggs found in [illegible]84, in do.
1439 do. Scelodonta ~~nubilicans~~, from T. S. Earle, Anna, Apl 11, 84 B.C.
1440 do. Adult Scelodonta pubescens from 1439
1441 do. Aleurodes, imago, from 4191.
1442 do. Conotrachelus nenuphar, &c, from 3686.
1443 do. Crystal L., Kane co., Ill., June, 1877.
1444 do. Miscel. Insects. Nl. Apr. 23, 84.
1445 do. Lygus lineolaris, dead Apl 24 84, in ☲ 4132
1446 do. Emont, beetle found in 4132. Baris tumescens? Lec.
1447 South Chicago, Del., Sept. 6, 1881.
1448 do. Ants and Aphides, found together under fallen post, Nl, Apr 24, 84.
1449 do. Agrotis c-nigrum, larva Nl. Apr. 24, 84, B.C. Found in the house.

Larva of Agrotis c-nigrum from 1372
Aphides from house-plants, Nl. Apr 24, 84.
Coleopterous larvae from 1348
Nitidula bipustulata, caught in Lab., Apr 24, 84
Cuta from 1353
Hymenoptera, Nl, Apr 24, 84.
Coleoptera, Nl. Apr. 24, 84.
Coleopterous larvae, Nl. Apr. 24, 84.
Lepidopterous larvae, " " " "
Hemiptera, " " " "
Spiders, Nl, Apr. 24, 84
Myriapoda, " " " "
Eggs of Teras malivorana (?) from J. W. Primm, Pinckneyville, Ill. Apr 24, 84 Died
Eggs of probably of Cerura bubalus, from J.W. Primm, Pinckneyville, Ill, Apl 24, 84
Cache R. Saratoga, 7/17 – 77
Little Fox R. Phillipstown, Ill. Oct 5, 82. Spider.
Plant-lice from Oxalis, Nl. Apr. 25, 84. B.C. Not bred nor preserved
Vickroy's Strawberry field. Nl. Apr 24, 84.
Paris, Sept. 12, 1881.
Lepidopterous larva from 1116
Insects from under boards, Nl, Apr 25, 84.
Pekin, Ill., Aug. 12, 1883.
Drew Pond, 2 m. from Wabash R., Oct. 3, 1882.
Coleoptera, Drew Pond, 2 m from Wabash R. Oct 3, 1882.
Pond, Univ. Grounds. Nl, Apr 19, 84.
Woods. Bloomington, Apr. 25, 84.
Hemiptera, woods, Bloomington, Apr. 25, 84.
Lepidopterous larvae. " " " "
Myriapoda, woods " " " "
Coleoptera, " " " " "
Strawberry leaf roller, Bloomington, Apl 23, 84. Emerged Apl 25. Phoxopteris comptana, Frol.
Moth from 3601 Apatela lepusculina Guen.
Tonica, Sept. 12, 1881.
Bolerus anxius + bicolor, from pear bud. Nl. 26 Apr, 84
Syphus fly. from buds of pear trees, Nl, Apr 26, 84
Ants + Aphides. Nl. Apr 26, 84
Funks Grove Ill Apr 28. 84
do. Tetranychus from eggs on leaves of Arbor Vitae, Nl. Apr. 29, '84, "
Tonica, Sept. 13, 1881.

	"	Insects. Nl. Apr 26, 84
	"	" Twin Grove, Apr 28, 84.
	"	Dolerus arvensis ? taken on pear buds. Nl, Apr. 26, 84.
	"	Bloomington, Apr 27, 84, Woods.
	"	From pear buds, Nl. Apl. 29, 1884.
	"	Dolerus arvensis + bicolor from Henry Wilson, Clinton, Ill Apl 28/84
	"	Hemiptera swept from blue grass. Nl, Apr 30, 84.
	"	Diptera " " " " " " " "
	"	Coleoptera " " " " " " " "
	"	Arachnida swept from blue grass. Nl. Apr. 30, 84
	"	Hymenoptera " " " " " " " "
	"	Tortricidae " " " " " " " "
	"	Tridactylus sp. " " " " " " " "
	"	Miscellaneous sweeping " " " " " " "
1369	"	Larvae " " " " " " "
1370	"	From flowers. Nl. Apr 30, 84
1371	"	Funk's Grove, Apr. 30, 84
1372	"	Miscel. Insects from Evening primrose. Anna, Ill, Apr 30, 84. T.S. Earl.
1373	"	Cache R. Ed Pratt's Johnson Co. July, 1877. tridentata
		Saperda (from 3541 Pinus box)
		Magdalis armicollis from 3541
1376	"	Various larvae + pupae found on white clover. May 2, 84. Nl. B.C. Agrotis subg ochica, Haw. Spilosoma isabella Sm.
1377	"	Coleoptera, Nl. May 2, 84
1378	"	Miscel. Ins. " " " "
1379	"	Myriapoda + Arachnida, Nl. May 2, 84.
1520	"	Cecidomyian galls on Willow. Nl. May 2, 84. B.C. Cecidomyia Salicis-brassicoides?
1521	"	Larva from 1520. [illegible]
		[illegible]
1523	"	Dipter caught in breeding-room. May 1, 84
1524	"	Bryobia ? swept from blue jt. grass Nl. May 3, '84,
1525	"	Diptera " " " " " " " "
1526	"	Hymenoptera " " " " " " " "
1527	"	Hemiptera " " " " " " " "
1528	"	Coleoptera " " " " " " " "
1529	"	Larvae " " " " " " " "
1530	"	Arachnida " " " " " " " "
1531	"	Misc insects " " Red clover " "
1532	"	" " " " Timothy " "
1533	"	Rhizobius sp. from roots of white clover in nest of ant. Nl. May 3, '84
1534	"	Bloomington, May 2, 84
1535	"	Normal, Ill, May 2, 84 Limothrips cerealium Haliday
1536	"	Galls on raspberry, Bloomington, May 3, 84. B.C
1537	"	Tetranychus from arbor vitae, Nl. May 3. 84.

[illegible]	do.	Nl. May 3, 84. Under boards.
[illegible]	[illegible]	[illegible] Sept. 14, 1881
[illegible]	do.	Aphides from cult. currant. Nl. May 3, 84.
1541	[illegible]	[illegible] Sept. 14 1881.
1542	do.	Funk's Grove. May 3, 84.
1543	do.	Coleoptera, Funk's Grove. May 3, 84.
1544	[illegible]	[illegible] Sept. 14, 1881
1545	do.	Spider, Funk's Grove, May 3, 84.
1546		From Raspberry. Nl. May 3, 84.
1547	do.	" Apple. Nl. May 3, 84.
1548	[illegible]	[illegible] Sept. 16, 188
1549	do.	From granulated sugar, Nl, May 4, 84
1550	do.	Nidus of spider on soft maple. Nl, May 3, 84
1551		From soft maple. Nl. May 3, 84.
1552	do.	Buf inf. from 4212 infected from 4025, May 5, 84.
1553	do.	" " " " " " " " " "
1554	do.	" " " " not infected " "
1555	do.	Found in B.C. 1439, May 5, 84
1556	do.	Cecidomyian galls on Willow. Nl. May 5, 84. B.C. (Cecid. s-strobiloides?)
1557	do.	Pupae from 1556. with supposed imags found among galls. (Cecidomyia s-strobiloides?)
1558	do.	Silphium galls, on stem of S. perfoliatum. Nl. May 5, 84, with 1434
1559	do.	Larvae + pupae from galls, 1558.
1560	do.	Callimorpha larvae, Nl. May 5, 84, B.C. C. leconteii Bd.
1561	do.	[illegible] Sept., 17, 1881.
1562	do.	2 larvae from 1560 Callimorpha leconteii, Bd.
1563	do.	Apatela from 3623 Apatela americana, Harr.
1564	do.	Desmia maculalis from 4006
1565	do.	Ichneumon parasite from 4148
1566	do.	Callimorpha larvae on raspberry, Nl. May 3, 84. B.C. C. leconteii, Bd.
1567	do.	Cut-worm larva found eating Ambrosia trifida, Nl. May 5. 84 B.C. Lar
1568	do.	Dolenus arvensis + bicolor from 1496.
1569	do.	On cherry sprouts. Nl. May 30, 83
1570	do.	Syrphus ~~Aphis~~ from box elder, Nl, May 5, 84. B.C.
1571	do.	Small Diptera on leaves of apple. Augustine's nursery. May 5, 84.
1572	do.	Thrips sp., on young apple leaves. " " " " "
1573	do.	Leaf Roller or Folder, larvae, B. C. " " " " "
1574	do.	Larvae of Syrphus fly from among aphides on Box Elder. Nl, May 5, 84
1575	do.	From shrubby willows in pasture. Nl. May 5, 84.
1576	do.	From blue grass " " " " " "
1577	do.	White clover and blue grass " " Prox. Iris spiraefolium Ci? " " " Common.
1578	do.	Larva of Coccinellidae from nest of Larius flavus. Nl, Apr. 8
1579	do.	Coleopterous larvae + pupae in sugar. Nl. May 6, 84. B.C. Cucujidae.
1580	do.	Larvae + pupae from 1579 Cucujidae
1581	do.	Blosyrus, on May 5 84

1582	do.	Cecidomyia from 1520 C. salicis-brassicoides?
	i.	Aphis male, Fabr. Winged viviparous ♀ & young. Old orchard, Nl, May 6, 84
1584	do.	Eggs on Apple leaves. Nl. May 6, 84. B.C.
1585	do.	Cedar L. mth of W. Coon. Oct. 13, 1882
1586	do.	Aphidiinæ sp. from among aphides on currants leaves. Nl. May 6. 84
1587	do.	from apple leaves and blossoms, Nl. May 6, 84.
1588	do.	Crystal L. Ills. June 15, 1877,
1589	do.	Mites from leaves of red clover. Univ. grounds. May 6, 84.
1590	do.	Larvae of Agrotis from 1516.
1591	Starved Rock, La. S. Co., Sept. 19	
1592	do.	Normal, Ill. May 6, 84.
1593	do.	Mackinaw Cr. Aug 30, 1876.
1594	do.	Crepidodera helxines from leaves of willows. Nl. May 7, 84
1595	do.	From leaves of rose. Nl. May 6, 84.
1596	do.	Normal, May 6, 84
1597	Starved Rock & vicinity, Sept.	
1598	do.	Decaying wood, Bl. May 6. 84 Coleoptera
1599	do.	Crepidodera rufipes. Raspberry leaves, Nl. May 4, 1884.
1600	do.	In decaying wood, Bl. May 6, 84. Acts
1601	do.	Coleopterous larvae & pupae. Decaying wood. Bl. May 6, 84.
1602	do.	Pulvinaria innumerabilis, from twigs of Acer dasycarpum. Nl. May 7, 84
1603	do.	Bloomington, May 6, 84.
1604	do.	Spider, Bl. May 6, 84.
1605	do.	Ptinus brunnea. Nl, May 7, 84.
1606	do.	Saratoga, Union Co. Ill. July 17 1871
1607	do.	Mites from Majanthemum (cult). Nl. May 6, 84
1608	Moline, Ill. Sept. 21 1881	
1609	do.	Mites on Solanum jasminoides (cult) Nl. May 6, 84
1610	do.	Coccids - " " " " " " B. C.
1611	do.	Leaf with coccids, from 1610.
1612	do.	Aphides on Ivy. Nl. May 6, 84.
1613	do.	Pupa in young apple tree, [illegible] Pinckneyville, Ill. May [illegible], 84. B.C.
1614	do.	From B.C. 1348 Diptera [illegible] 84 Cuedius [illegible]ochimus, Mononcephidius auritus &c.
1615	do.	Other Insects from 1348.
1616	do.	Dipter from B.C. 1556. Cecidomyia strobiloides?
1617	do.	Megilla maculata from apple blossoms, Nl. May 7, 84.
1618	do.	Nl. May 7, 84
1619	do.	Trioza n.s.? Leaves of Pear. Nl. May 7, 84.
1620	do.	Hemipter from B.C. 1560 Mormidea lugens, Fabr.
1621	do.	Lygus lineolaris from 4132
1622	do.	Miscel insects & mites " " Corizus lateralis, Say, &c
1623	do.	~~Agrotis~~? pupa found in [illegible], B.C. Nl, May 8, 84. Helaiphila phragmitidicola Guen
1624	do.	Trioza? (Possibly a new genus) from Pear leaves. Nl, May 6, 84. Trigo pyricola Foster
1625	do.	Scelodonta pubescens from Evening primrose, Nl, May 7, 84

	do.	Aphides from Pear. Nl. May 8, 84.
	do.	Diptera + Hymenoptera from B.C. 1439
		Lan. Sept. 23 1881.
	do.	Leaf rollers in ~~Dendrites~~ Gauza. biennis, Nl, May 7. 84. B.C. Dear
	do.	Two larvae from 1629
	do.	Epitrix cucumeris on pear leaves. Nl, May 6, 84.
	do.	Coleoptera from pear trees, Nl, May 6, 84
	do.	Megilla maculata from " " " " " "
	do.	Miscel ins " " " " " "
	do.	Hemiptera " " " " " "
	do.	Coleopter. " " " " " "
	do.	Dipt + Hymenopter / 1444
	do.	" " " 4.06
	do.	"nests" of spiders on twig, from E. A. Riehl, Alton, Ill. about Apl 4, 84
	do.	On raspberries, Normal.
	do.	Aphides on Euonymus atropurpureus, Nl, May 9, 84. Aphis rumicis
		Lorn, K. & d. Co. Sept. 24, 1881.
	do.	Under bark of Apple, Nl, May 8, 84
	do.	Leaves of Apple. " " "
	do.	Eggs of Phylloptera oblongifolia. Locs not known
	do.	From stomach of Dolerus bicolor, on Balm of Gilead, Nl, May 9, 84.
	do.	Crepidodera helxines, from sp. Lombardy poplars in Phoenix nursery, Nl, May 9, 84
	do.	Galls of Phytoptus pyri. Nl, May 9, 84
	do.	from plum leaves, Nl, May 9, 84
	do.	" roots of strawberry plant, Nl, May 9, 84
	do.	" young ash (?) Phoenix's nursery, May 9, 84. B.C. Texicaccia Nl.
	do.	" Rye, Normal Ill. May 12, 1884. Siphonophora avenae
	do.	Sweepings from young rye. Normal, May 12, 1884.
	do.	Tetranychus sp. from arbor vitae, Normal, May 12, 1884.
	do.	Misc. insects, swept from grass, Normal, May, 12, '84.
	do.	Epitrix cucumeris, from apple leaves, Normal, May, 10, 1884.
	do.	Imago [illegible] of Coccidae, Normal, May, 10, 1884.
	do.	Pupae + [illegible] Chaitophorus negundinis Nl. May, 12, 1884
	do.	Siphonophora avenae wingless + Egg. from rye, Nl, May, 12, 84.
		ine, Sept. 26, 1881.
	do.	From Blue grass Normal, May, 9, 84. Misc. Insects
	do.	" " Diptera " (Normal)
	do.	" " Hemiptera Nl. May, 9, 84.
	do.	" " Spiders, Nl. May, 9, 84.
	do.	" " Larvae, Nl, May, 9, 84.
	do.	" " Coleoptera Nl. May 9, 84.
	do.	" " Thyreocoris pulicarius, Nl, May, 9, 84.
	do.	" " Schizoneura paniculata, Nl. May, 9, 84.
	do.	Megilla maculata from Blue grass Normal May 9, 84.

1691 do. Diseased silk worms from Champaign, July 24, 84. Woodworth.
1692 do. Hymenoptera from blue grass, Normal, Ill. May 9, 1884.
1693 do. Cyrtus [illegible] Ent. Soc. Ont. 1881.
1694 do. Myzus cerasi, Normal, May, 12, 84.
1695 do. On Smilax herbacea Bloomington, May, 10, 84, Aphides
1696 do. Epitrix cucumeris from leaves of Raspberry, Bloomington, May 9, 84
1697 do. Paria 6-notata var. Male & female taken in coitu on leaves of Raspberry Bloom. May 9, 84
1698 do. Aphides on Ranunculus? Bloomington, May, 10, '84.
1699 do. Larvae of Capsidae? from leaves of Soft Maple, Nl. May 12, 84.
1700 do. Aphides [illegible] wingless & pupae from Acer dasycarpum. Nl. May, 12, 84,
1701 do. On willow May, 12, 1884
1702 do. Chaitophorus from Box Elder Nl. May, 12, 84.
1703 do. Winged Chaitophorus negundinis? from box Elder Nl. May, 12, '84.
1704 do. Old Raspberry leaves Normal, May, 10, 84
1705 do. From raspberry leaves Bloomington, Ills. May 9, 84.
1706 do. Paria 6-notata, 2 vars. from raspberry leaves Bloomington, May, 9, 84.
1707 do. Eggs & insects from 1584. Syphus.
1708 do. Misc. Insects, Bloomington, May, 9, '84.
1709 do. Eggs of Emphytus maculatus from strawberry Nl. May 12, '84.
1710 do. Myzus cerasi & eggs of Syrphus fly. Cherry, Nl. May, 13, 1884.
1711 do. Box Elder Nl. May, 8, '84.
1712 do. Red clover three pings, May, 9, '84.
1713 do. From Timothy & Red clover, May 10, '84. Normal, Illinois
1714 do. Syrphus fly from 1496. Syrphus Leucenii, Macq.
1715 do. Elm Phytoptus Nl. May, 10, 84.
1716 do. Galls on leaves of Hard maple containing eggs, Bloomington, May, 10, '84,
1717 do. Galls on leaves of Hard maple containing dipterous larvae Bloomington, May, 10, '84,
1718 do. Eggs on Phlox pilosa, Bloomington May 9, 84 B.C.
1719 do. Raspberry cane, with eggs of tree cricket. B.C.
1699 do. Larvae eating stamens & petals of Apple blossoms Nl. May, 10, 84, B.C. Cacoecia rosaceana Harr.
1100 do. Pristiphora grossulariae on currant, Nl. May, 12, '84, B.C. Sp. No. 9166
1101 do. [illegible] Ent. Soc. Ont. Sept 28 1881.
1102 do. Leaf roller on maple, Nl. May 10, 84 B.C.
103 do. Leaf roller on willow, Nl. May, 10, 84 B.C. Dead
1704 do. Coleopterous pupae, under bark, Bloomington, May, 10, '84, B.C. Synchroa punctata & Pyrochroa femoralis
1705 do. Leaf roller larvae on unknown plant, Bloomington, May, 10, '84 B.C.
1706 do. Apple leaf roller larvae, Nl. May, 4, '84. B.C.
do. do. Larvae & eggs of Emphytus maculatus, on wild strawberry Nl. May, 12, '84, B.C. see 2210
1708 do. Diphonophora rubi(?) immature on Raspberry Nl. May, 12, '84.
1709 do. Aphides on Honeysuckle Nl. May, 12, '84.
do. do. Chartocnema sp. leaf of wild strawberry, Nl. May, 12, 84,
1711 do. Cecidomyia galls & larvae from box elder leaves. Nl. May 13, 84
1712 do. Leaf roller larva from strawberry, Nl. May 13, 84.
1713 do. Siphonophora minor from wild strawberry. Nl. May 13, 84.

Larvae of Selandria ~~sp~~. On Raspberry, Nl. May 13, 84

Diplosis rubi? Raspberry, Nl, May 13, 84.

Phytoptus galls on wild cherry. Bloomington, May 10, 84.
Larvae of Selandria rubi. On Raspberry, Nl. May 13, 84. B.C.
Schizoneura ~~sp~~ paniculea + Rhizobius sp from earth about roots of clover. Nl, May 14, 84.
Aphides from Monarda fistulosa, Nl. May 13, 84.
Cecidomyia galls on lvs of soft maple. Nl, May 13, 84
Hemipter from bases of leaves of Aster (?) Nl. May 13, 84. (2 destroyed
Winged Chaitophorus negundinis? from box elder. Nl, May 14, 84.
~~Datana angusii~~? from earth under walnut tree, Nl. May 14, 84 Agrotis bicarnea Guen.
" " " " " Guen " " " B.C
Cortyna ~~nitela~~, larva in blackberry cane, Nl, May 14, 84. B.C
Agrotis c-nigrum. Blue grass, Nl. May 14, 84. B.C. Dead
" sp.

White grub, Nl. May 14, 84. B.C.
Leaf roller? on leaves of Blackberry, Nl. May 14, 84 B.C.
Syphus eggs on Elm, with Schizoneura rileyi B.C, Nl, May 15 Dead
Schizoneura rileyi, wingless female, larva, + Syphus larva, On Elm, Nl, May 15.
~~Nto~~ + ~~C of pomi~~ Myzus ribis, on Gooseberry. Nl, May 14.
~~Siphonophora ribis~~ Myzus ribis winged + wingless females, larva, syphus &, + parasitized ones. [On gooseberry, Nl, May 14,
Siphonophora acericola, winged + wingless female; Nl, May 15
Blackberry leaf roller. Nl, May 15, 84, In B.C. 1732.
Leaf roller on Gooseberry, B.C. Nl, May 14, 84 B.C Dead.
Larva on leaves of soft maple. Nl, May 15, 84, B.C. Stegania pustularia Gn.
Clover leaf roller. Nl, May 14, 84, B.C. { Tortrix pallorana
Leaf roller from stem of Aster? —— Nl, May 14
Coleopterous larvae on ~~Aster~~ Solidago canadensis B.C. Nl, May 14. Trirhabda tomentosa
Leaf roller on Aster? —— B.C. Nl. May 14. Geleschia juncidella
~~Aphides~~ on wild [illegible] 15.
[illegible] Box Elder. Nl. May 16 B.C. Dead
" " Currant. Nl. May 12, B.C. Eccopsis exoletum, Fell
Paria ~~sp~~, notata, Nl, May 15, 84.
Ichneumon from 1556
Lep. larva from grass in Univ. grounds Nl. May 14, '84.
Coleopterous larvae from 1744. Trirhabda tomentosa
Aphides from Snowball bush, Nl, May 15, 84.
1754 ♂ + ♀ Magdalis from B.C. 3541. M. armicollis, Say.
1755 Maple leaf roller, Nl. May 15, 84, B.C. On Soft maple Q.C. 9654
1756 do. Geometer larva on soft maple, Nl, May 15, 84, B.C. Dead.
1757 do. Larva on gooseberry, Nl, May 16, 84, B.C. Eccopsis exoletum
Larva in alcohol B.C. 1757 Eccopsis exoletum

1176		Solenopsis in kernel of corn Champaign May 17, 84
1177	do.	Raspberry slug. Champaign, May 17, '84.
1178	do.	Siphonophora minor & other insects from wild Strawberry. Champaign May 17, 84.
1179	do.	Diptera swept from wheat. Danville, May 20, '84.
1180	do.	Sweepings from meadows of red clover, timothy & bluegrass. Danville May 20, 84.
1181	do.	Plant louse from wheat. " " " "
1182	do.	Graptodera chalybea & one of Telephoridae from grape. " " " "
1183	do.	Cryptocephalus quadruplex from leaf of wild blkberry. Danville, May 20, '84.
1184	do.	Misc. insects " " " "
1185	do.	17 yr. cicada larvae from earth in orchard of E.C. Madison, Marshall, May 20, 84.
1186	do.	Misc. insects from wheat Marshall, May 22, '84.
1187	do.	" " Marshall, May 22, '84.
1188	do.	Insects from wheat " " " "
1189	do.	Ants with young. Marshall, May 22, '84.
1190	do.	Hessian fly from wheat " " " "
1191	do.	Diptera from wheat. W. Union. May 24, '84.
1192	do.	Sweepings from oats " " " " "
	do.	
	do.	Sweepings from wheat. Mt. Carmel, May 27 & 8, 1884.
	do.	Insects from leaves of Persimmon. Mt. Carmel, May 27, '84.
	do.	Insects from leaves of Carya. Mt. Carmel, May 27, 84.
	do.	Bark louse from Sycamore " " " " "
	do.	Insects from leaves of Juglans nigra " " " "
	do.	Gymnetron teter from Mullein, Robinson, May 26, '84
	do.	Insects from leaves of wild blackberry. W. Union, Clark Co., May 24, 84.
	do.	Insects from cult. plum. W. Union, May 24, '84.
	do.	Insects from leaves of Quercus. Mt. Carmel, May 28, '84.
	do.	" " " " Carya " " " " "
	do.	Sweepings from grasses, ridges &c. Mt. Carmel May 28, '84.
	do.	" " meadow of red clover & timothy. Mt. Carmel, May 28, 84.
	do	" " oats " " " " "
	do.	Phytoptus galls from blk. gum. Mt. Carmel, May 27, '84.
	do.	Misc. insects. Sweepings. Mt. Carmel, May 28, '84.
	do.	Plagiodera lapponica, larva, pupa & imago. from leaves of Salix. Mt. Carmel, May 28, 84.
	do.	Winged plant louse from Acer dasycarpum " " " "
	do	Phytoptus galls in leaves of Acer rubrum " " " "
	do.	Bark louse from Salix Mt. Carmel, May 28, '84.
1201	do.	Plant lice from Quercus palustris " " " " "
1202	do.	Larva in case from leaf of Quercus palustris. Mt. Carmel, May 28, '84.

Insects from raspberry Nl. June 23. '84.
Insects from gooseberry " " " "
Pulvinaria innumerabilis, young on leaves soft maple, Nl. Je. 25, '8
Aphis maidis, winged ♀ from roots of corn Nl. June 26, '8
Brachycantha ursina & other beetles from Silphium " " " "
Systena blanda & a leaf hopper from cockle bur in corn fld. " " "
Insects from corn Nl. " " "
" " leaves of pear. Nl. June 27. '84.
Larva injuring apples Nl. July 1, '84
Siphonophora avenae(?) from roots of oats. Nl. July 1, '84.
Bark louse from elm. Nl. July 2. '84
Coccyna nitida(larvae) from oats. Nl. July 2. '84.
Pear slugs from cult. plum " " " "
Orgyia leucostigma " " " " "
Hyaloptenes prunii " " " " "
Pupae from 4347 Cryptus extrematis, Cress.
Hymenoptera from 2554
" " 2559

Aphides from cult. plum. Du Quoin. June 7, 1884. (bottle)
Misc. insects from cult. plum. " " " "
Misc. insects from apple leaves & twigs. Du Quoin, June 7, '84.
Sphenophorus parvulus found with smut insects in wheat stalk. Du Quoin, June 7, '8
Insects swept from oats. Anna June 6, '84.
Small moths taken coupled on red clover Anna June 6. '84.
do. Misc. insects. wheat. Du Quoin June 7, '84.
[illegible]
do. Insects Du Quoin, June 7, '84.
do. Young larvae of wheat straw worm. Du Quoin, June 7, 84.
do. Chauliognathus marginatus from raspberry Anna, June 6, '84
do Empoa albopicta " " " " " "
do. Macrodactylus angustatus " " " " " "
do. Coccinellidae from leaves of raspberry Anna June 6. 84.
do. Melanactes piceus " " " " " " "
do. Capsidae " " " " " " "
do. Pentatomidae " " " " " " "
do. Paria atrirnea " " " " " " "
do Misc. insects " " " " " " " (bottle)
1841 [illegible]ormal, Oct. 12, 1881.
1842 do Cryptocephalus 4-maculatus " " " " " "
1843 Bloomington, Oct. 12, 1881.
1844 do. Cryptocephalus quadruplex leaves of raspberry. Anna, Je. 6. '84.
1845 Proconia undata from yg. twigs of raspberry. Anna June 6. '84.
1846 do. Enchoetha galeator leaves " " " " " "

1841	do.	Agriles ruficollis	from leaves of raspberry. Anna June 6. '84.
[illegible]	do.	Contents of stomach of toad	from wheat field. Anna, Je. 6. 84.
[illegible]	do.	Orchelimum sp., young,	from wheat " " " " "
[illegible]	do.	Misc. Diptera	" " " " " " "
[illegible]	do.	Lygus lineolaris	" " " " " " "
1802	do.	Hymenoptera	" " " " " " "
10	do.	Small Diptera resembling Ceidomyia	" " " " " "
1804	do.	Coleoptera	" " " " " "
00	do.	Hemiptera	" " " " " "
06	do.	Aphidae	" " " " " "
[illegible]	do.	Thripidae	" " " " " "
[illegible]	do.	[illegible]ng Iow, Oct. 13 '84.	
[illegible]	do.	Arachnida	" " " " " "
1862	do.	Sphenophorus sculptilis	from timothy. Wheaton, June 7, 84.
1861	do.	Systena blanda	from wheat " " " "
		Lygus lineolaris	" " " " " "
[illegible]	do.	Orchelimum sp. larva	" " " " " "
[illegible]	do.	Hymenoptera	" " " " " "
[illegible]	do.	Diptera	" " " " " "
[illegible]	do.	Coleoptera	" " " " " "
[illegible]	do.	Hemiptera	" " " " " "
[illegible]	do.	Hymenoptera	" " Marshall, May 22, 84.
[illegible]	do.	Larvae of sawfly	" " " " " "
[illegible]	do.	Diptera	" " " " " "
[illegible]	do.	Tettigonidae	" " " " " "
[illegible]	do.	Contents of stomach of toad	" " Id. " " " "
[illegible]	do.	[illegible] Grove, Oct. 8, 84.	
[illegible]	do.	Contents of stomach of toad	" " " " " " "
[illegible]	do.	" " " " "	" " " " " " "
[illegible]	do.	Blissus leucopterus	" " Danville May 20, '84.
[illegible]	do.	Saw fly larvae	" " " " " "
[illegible]	do.	Thyreocoris pulicarius	" " " " " "
[illegible]	do.	Coleoptera	" " " " " "
[illegible]	do.	Hemiptera	" " " " " "
[illegible]	do.	Hymenoptera	" " " " " "
[illegible]	do.	Arachnida	" " " " " "
[illegible]	do.	Thrips	" " " " " "
[illegible]	do.	Isosoma sp.?	" " Mt. Carmel May 27-8, '84.
[illegible]	do.	Army worm larvae	" " " " " "
[illegible]	do.	Saw fly larvae	" " " " " "
[illegible]	do.	Blissus leucopterus	" " W. Union May 24. '84.
1888	do.	Small green Tettigonidae	" " " " " "
1889	do.	Thyreocoris pulicarius	" " " " " "
1890	do.	Isosoma sp.?	" " " " " "
1891	do.	Saw fly larvae	" " " " " "

Leaf roller on rose. Nl. May 16. B.C. {Tortrix alticomana, Clem / Penthina nimbatana Cl
Larva from B.C. 1892. {Tortrix alticomana, Clem / or Penthina nimbatana Cl
Geometrid larva from 1741, Steganica pustularia, Guen.
From two currant bushes, with Myzus ribis. Nl, May 16, 84 Hippodamia macul
Syphus eggs on Prunus cerasus. Nl. May 16, 84 B.C. - Dead
Two flies from Rye. Nl. May 16, 84.
" " round holes of corn, Nl. May 16, 84
Ephemerid. May 16, 84.
Head [illegible] ants. Nl. May 16, 84.
Larva from B.C. 1877 Cacoecia rosaceana, Harr.
Larva ~~nitela~~ in red raspberry cane, F. S. Earle, Anna, May 14, 84
Living chinch-bugs from Rye field Nl. May 16, 84. Dead, May
Leaf-roller on Erigeron canadense B.C. Nl. May 17, 84 Dichelia sulphureana Cl. Tortrix pallorana Robs
" " " Ambrosia trifida " " {Tortrix pallorana Rob / " 16, 84. Gelechia juncidella
" " " Apple. Nl, May 17, 84. B.C. Teras malivorana, Le
Larva from B.C. 1908 Teras malivorana Le B.
Stem-galls on Solidago canadensis, Nl, May 19, 84, B.C. Gelechia gallaesolidaginis Rile
Larvae from B.C. 1910 Gelechia gallaesolidaginis, Riley
Larvae from B.C. 1906 Dichelia sulphureana or Tortrix pallorana
" " " 1907 Tortrix pallorana or Gelechia juncidella
Corn plant louse, root form, &c. & ~~other~~ young corn on which found, Nl. May 16, 8
Stenosphenus notatus, Oliv. from T. W. Goding, Ancona, Ill.
Another Buprestian found with 1915.
Aphis mali, winged & wingless female. Nl. May 19, 84.
Leaf-roller on strawberry. Univ. grounds, Nl. May 17
" " " Lythrum alatum Nl. May 18, 84.
Spider from 1520.
Larvae from 1732
Cucujidae from 1579
2 Imagos (Cynipidae), larva, and gall, from Quercus macrocarpa Nl, May 1
Aphides, wingless female, on Erigeron canadense. Nl. May 17, 84.
Siphonophora acericola and other insect from B.C. 1702
Clover leaf-roller from B.C. 1742. Tortrix pallorana or Cacoecia rosaceana
Nl. May 17, 84. Rhyncophora
Cynipidae from B.C. 1434.
Other insects from " "
Galls on Salix cordata Nl. May 19, 84. B.C. Cecidomyidae?
Larvae from 1930 Cecidomyidae
Leaf-galls & larvae from them, on Salix cordata Nl. May 19, 84. Lost
Parasitic hymenopter from 1520
Grape leaves injured by Phytoptus. Nl, May 20, 84
Larvae from 1148 Eccoptis exoletana Zeller.

1936 do. Clover leaf-roller, No. 2. Nl. May 20, 84, B.C. Cacoecia rosaceana (?)
1937 do. Pristiphora geniculatae, imago, from B.C. 1700
1938 do. Crane-fly (Tipulid) from 1439 (Tipulidae longipalpi)
1939 do. Hymenopter from 4148
1940 do. Saperda candida from 1613.
1941 do. den, Oct. 22, 1881.
1942 do. Larvae from A. J. Cook, Lansing, Mich.
1943 do. Bean weevil in last years beans, from Mr. King. Bl. May 22, 84
1944 do. Wire-worm from planted corn, " " " " " " "
1945 do. Kenilworth, Oct. 22, 1881.
1946 do. Graptodera chalybea, Hamilton, Ill, May 22, 84, C. N. Dennis. Imagos
1947 do. " " " " " " " " " Larvae + Eggs
1948 do. Moth, Nl. May 20, 84. Spilosoma virginica, Fab.
1949 do. ~~Agrius~~ from 3541 Anthaxia viridicornis, Gory.
1950 do. Pyrochroid from 1704. Pyrochroa femoralis LeC. Sp. No. 9666
1951 do. Coleoptera " " Synchroa punctata Newm
1952 do. Leaf roller on Lythrum alatum from B.C. 1959
1953 do. ~~Spilosoma~~ ~~virginica~~ ~~isabella~~ from 1516 Pyrrharctia isabella, Sm.
1954 do. Gortyna ~~nitela~~ larvae in blue grass, Nl. May 23, 84.
1955 do. Aphidius from 1570 (1 destroyed)
1956 do. Larvae from stem-galls on Solidago Nl. May 23, 84 Gelechia gallaesolidaginis, Riley
1957 Cobden Oct 22 1881.
1958 do. Pupae of Cecidomyia (?) Terminal galls on Solidago. Nl. May 23, 84
1959 do. Leaf-roller on Lythrum alatum, Nl. May 20, 84. B.C.
1960 do. Pupa from 1560 Callimorpha leconteii Bd.
1961 do. Syrphus larvae on Snowball, Nl. May 21, 84. B.C. Syrphus americanus Wied
1962 do. Leaf-roller on Monarda fistulosa, Nl. May 23, 84 B.C. Dichelia sulphureana? Cl.
1963 do. Larvae from B.C. 1962 Dichelia sulphuriana, Cl
1964 Cobden, Oct. 24, 1881.
1965 do. Pyralid larvae from corn-roots. E. A. Eastman. Decatur, May 21, 84 Crambus sp. B.C.
1966 do. Larvae from 1965 Crambus sp
1967 Cobden & Anna, Oct. 24, 1881.
1968 do. Saw-fly larvae from wheat. Danville. May 20, 84 B.C.
1969 do. Larvae from B.C. 1968
1970 do. Leaf-roller on Aster sagittifolius, Bl. May 24, 84, B.C. ?
1971 do. " " " Urtica (leaf?) " " " " " Dead
1972 do. Leaf-roller on Blackberry. Nl. May 17, 84. B.C. Cacoecia rosaceana Harr.
1973 do. " " " Raspberry " " " " " ?? No slip
1974 do. " " " Blackberry " " " " " Oxyptilus delawaricus Fitch
1975 do. " " " " " " " " " Cacoecia rosaceana Harr.
1976 do. Eggs + larvae from 1697
1977 do. Leaf-roller on Helianthus sp. Nl. May 23, 84 B.C. Gelechia flavocostella Clem. ? Tortrix fallorana Clem.
1978 do. Larvae from 1977 Gelechia flavocostella, Clem
1979 do. Leaf-roller on Lysimachia ciliata, Nl. May 20, 84, B.C.

Ants and Aphides on Helianthus, Nl, May 20, 84

Insects, miscel. Nl. May 21, 84

Blackberry insects, Danville, May 20, 84. B.C. Cacoecia rosaceana Ha

Leaf-miner on Polygonum dumetorum, Nl. May 25, B.C. Halticida

Larvae from 1983. Halticidae

Curculionid from 3541 Magdalis salicis. Horn.

Eggs on corn-leaf, from R.H. Mills, Dwight, Ill. May 24, 84. B.C.

Larva from corn-roots " " " " " 4c. put with 196 Crambus sp.

Larvae from 1987 Crambus sp.

Diptera leaf-miner in ~~Amaranthus retroflexus~~ Chenopodium album. Anthomyidae, Nl, May 26, 84 B.C.

Eggs and larvae of 1989 Anthomyidae

Pristiphora grossulariae on Gooseberry. Nl. May 26, 84, B.C.

Larvae from 1991

Selandria rosae on Rose. Nl, May 26, 84. B.C.

Larvae from 1994. Selandria rosae

Red Clover leaf roller. Nl. May 23, 84. B.C. Platyptena scabra, Fab. Diedica sulphureana, Cl.

On Red clover, Danville. May 20. 84. B.C.

Pterostichus lucublandus from R. H. Mills, Dwight, Ill, May 24, 84.

Hessian fly larvae. Marshall. May 21, 84 from 2004?

Isosoma ~~tritici~~, imagos. " " " "

Larva of Carabidae on wheat " " " " from B.C. 2005

Isosoma ~~tritici~~, pupae. " " " " B.C.

Larvae of Carabidae on wheat " " " " B.C.

Flaxseeds of Hessian fly " " " " B.C.

Peach leaves, affected " " " "

Hatched eggs of Euschistus? On Wild Strawberry Danville, May 19, 84.

Lepidopter. Nl. May 26, 84. Conchylis oenotherana. Riley

Pupae from 1989 Anthomyidae

~~Dipt~~ Chalcid from 4006

Larvae feeding on Blackberry, Nl, May 28, 84 B.C. Oxyptilus delawaricus Zell

" " " " " " " Pyrrhia exprimens

Larvae of Vanessa antiopa. H.C. Bouton. Anna. Ill. Recd May 28.

Larvae from 2011 ~~Oxyptilus delawaricus~~ Pyrrhia exprimens, Walker.

Rose leaf-roller & parasite (?) from 1892 Tortrix albicomana or Penthina nimbatana

Strawberry leaf-rollers. Univ. Buds. Nl. May 28, 84.

Larva from 1732

Larvae from 1744 Trichabda tomentosa

Larva from 2010 B.C. Oxyptilus delawaricus Zell.

Hessian fly. Wheat at Mt. Carmel. May 27, 84. B.C.

" " Robinson, Clark Co. May 25-6, 84. B.C.

On Raspberry, Nl, May 28, 84 B.C.

Stalk borer (not Botys) in Box Elder. Nl May 28, 84 B.C.

[illegible]	[illegible]	Pristiphora sp. on Gooseberry. Nl. May 26, 84. B.C.
2025	do.	Myzus ribis, winged + wingless. pupa + larva, Nl. May 29, 84 On Currant
2026	do.	Pupae in crumpled soft maple leaves. Nl. May 29. B.C. Cecidomyidae?
2027	do.	Pupae from B.C. 2026
2028	do.	Leaf-roller on Lysimachia ciliata. Nl, May 29. ~~Two in alc, rest~~ All with [illegible]
2029	do.	Hessian fly larvae from 2021
2030	do.	Ants with pupa. Dwight, May 28, 84
2031	do.	Larvae from 2032 Crambus sp
2032	do.	Larvae feeding on corn, Dwight, Ill. May 28, 84 B.C. Crambus sp
2033	do.	White ants from Benj. Buckman. Farmingdale, Ill. Recd May 29.
2034	do.	Wood eaten by 2033
2035	do.	Larva from 2021
2036	do.	Corn affected by fungus? Dwight, May 28, 84.
2037	do.	Aphides, (Siphonophora) winged + wingless. larva + pupa, from Lvs. of Linden (Tilia) Nl. May 29, 84
2038	do.	Corn injured by 2032,* Dwight, Ill. May 28, 84. *Crambus sp
2039	do.	Moth from 1623 Heliophila phragmitidicola, Guen.
2040	do.	Army worm. Wheat, Mt Carmel. May 27, 84. Leucania unipuncta B.C
2041	do.	Syphus from 1570 Syphus ribesii L. + torvus Orts. Allograpta obliqua? Syr.
2042	do.	Corn Leaf-roller, Dwight, May 28, 84 B.C. Dichelia sulphuriana, + Tolhodeus triferana Walk. 1965
2043	do.	Red cornstalk caterpillar. D.C. Tomlinson, Osco, Ill. with Crambus sp. B.C. 1965.
2044	do.	Leaf-roller on Tilia americana, Nl, May 29, 84. B.C. ?
2045	do.	Pristiphora sp. from 1991
2046	do.	" " " 2024
2047	do.	Leaf-miner on Aquilegia canadensis B.C. Nl, May 30, 84.
2048	do.	Pupa in cocoon, on blackberry, Danville, May 20, 84. B.C.
2049	do.	Eggs of Euschistus?. Danville, May 20, 84. Blackberry
2050	do.	Hessian fly in wheat. Robinson, Crawford Co. May 26, 84 B.C.
2051	do.	Grass saw-fly. Nl. May 30, 84. B.C.
2052	do.	Larva of Limenitis disippus, Nl. May 30, 84. B.C. Willow
2053	do.	Larvae from 2051
2054	do.	Agrotis c-nigrum from 14449 (imago)
2055	do.	Red corn-stalk caterpillar, D.C. Tomlinson, Osco, Crambus sp Ill, June 4, 84
2056	do.	Yellow-head cutworm. " " " " " "
2057	do.	Banded ~~Spotted~~ cutworm. " " " " " "
2058	do.	Schizoneura panicola with Lasius flavus. Cornfield, Dwight, May 28, 84
2059	do.	Capsidae + supposed injury to soft maple leaves. Nl. May 30, 84
2060	Anna, Oct. 27, [illegible]	
2061	do.	Chrysomelid larvae from 1986
2062	do.	Paria, Nl. May 30, 84
2063	do.	Larvae from 1536 Diastrophus cuscutaeformis
2064	do.	~~Fruit~~ wheat stem worm, larva + imago from 3715
2065	do.	Larvae, Dwight. May 28, 84.
2066	do.	Eggs of Chrysomelid. Dwight, May 28, 84
2067	do.	~~Hessian~~ Spotted [illegible], Dwight, Ill. (Crop Rec. June 4, 84.

		Cecidomyia from 2026
	do.	Cutworm, D. C. Tomlinson, Osco. Ill June 4, 84
	do.	Larvae in soft maple galls, Ml. May 31, 84
		Pupa from B.C. 2010 Oxyptilus delawaricus Zell.
		Yellow-headed cutworm, D.C. Tomlinson Osco. Ill, June 4,84. [with 2056
		Hessian fly flaxseed. Wheat Thos. S. Moore, Robinson, Ill. June 2, 84 B.C.
	do.	Spotted cutworms, D.C. Tomlinson Osco June 4, 84. B.C.
	do.	Larvae from B.C. 2050
	do.	Abia caprifolii. W.H. Hart, Quincy. Ill, June 4, 84, B.C.
	do.	Imago and 2nd stage from B.C. 2079
	do.	Capsid on soft maple. Ml. June 2, 84 B.C.
	do.	Imagos from 2079
	do.	Moth from ~~20~~ 1975 (~~Tortrix~~) Eucoccia rosaceana Harr
	do.	Hessian fly flaxseed Wheat. Chas W. Fears, West Union Clark Co. June 3, 84, B.C.
	do.	Sphinx larva found on Rosa eglantina (Sweet Brier) Ml, June 4, 84 B.C.
	do.	Pupa from 1741 Stegania pustularia, Guen
	do.	Sphinx larvae from Maple, Ml May 10 & 15. 84 B.C. Died.
	do.	Imago & pupae from 1930 Cecidomyidae
	do.	Grapta interrogationis, 2553.
	do.	Imago & pupae from 2002
	do.	Sweepings from weeds. Ml June 3, 84.
	do.	Aphis rumicis on Euonymus atropurpureus. Ml. June 2, 84, All forms
	do.	Capsid, supposed to injure the leaves. Ml. June 1, 84. 3d & 4th stage found on Ash,
	do.	Tettigidid found flying around Ash trees. Ml. June 1, 84.
	do.	Injured corn (fungus?), Lexington. Ill. ? Je. 84.
	do.	Tychea,? found dead on corn root with Lasius flavus. Lexington Ill. ? Je, 84
	do.	Larvae [illegible] Cerasus discolor. [illegible] B.C. Cyrameis. and
	do.	Co[illegible]pla, [illegible] 4
	do.	[illegible] June 3, 84. B.C.
	do.	[illegible] ne 3, 84. B.C. Coxt.
	do.	Hessian fly flaxseeds in wheat. Anna, Ill, June 4 84, B.C.
	do.	Aphides & Syrphus, [illegible] from Mulgedium acuminatum, Ml. June 7. 84
	do.	Black Gum Phytoptis. Mt. Carmel, May 28, 84.
	do.	Phylloxera galls on Hickory. Mt. Carmel May 27, 84. No 1.
	do.	" " " " " " No 2.
	do.	" " " " " " No 3.
	do.	" " " " " " No 4
		[illegible]
	do.	Phylloxera galls on Hickory. Mt Carmel May 27. 84 No 5.
	do.	" " " " " " No 6.
	do.	Phylloxera galls containing ~~2~~ larva, on Hickory Mt. Carmel, May 27-28, 84. B.C.
	do.	Galls on Quercus macrocarpa. ~~containing larvae~~ " May 27, 84 B.C.

[illegible]	do.	Pupae in galls on Quercus rubra, Mt Carmel, May 11, 84 B.C.
[illegible]	do.	Galls on Quercus alba " " " " "
2111	do.	Pupae in galls on Q. macrocarpa " " " "
2113	do.	Gall from 2111
2116	do.	Pupae + galls from 2112
2117	do.	Galls from 2113
2118	do.	Larva + gall from 2114
2119	do.	Various larvae, Mt. Carmel May 27, 84
[illegible]	do.	Bank lice (Pulvinaria innumerabilis) on Fraxinus atropurpurea, Mt. June 1, 84.
2121	do.	Larva from 2110
2122	do.	Phylloxera galls containing 3 sp of larvae, Hickory, Mt Carmel, May 28, 84 B.C.
2123	do.	Larvae + galls from 2122
2124	Pine Flats, Union Co., Oct. 31. 1881	
2125	do.	Round large galls containing larvae, Quercus ilicifolia, Mt Carmel, May 28, 84, B.C.
2126	do.	Larva + fragment of gall from 2125
2127	do.	Empty (?) galls on Quercus rubra, Mt. Carmel, May 28, [illegible].
2128	do.	Aphis gall on Elm. " " "
2129	do.	Pupae in galls (leaf roller?) on unknown herb. Mt. Carmel, May 28, 84. B.C. Eccopsis ferriferana Walk
2130	do.	Empty galls on Quercus ilicifolia (Cecidomyia) " " " "
2131	do.	Phytoptus gall on Hazel. " " " "
2132	do.	Clisiocampa larvae on Apple. Villa Ridge, June 3, 84 B.C. C. sylvatica Harr, var!
2133	do.	Leaf roller on Verbena urticaefolia, Mt. June 7, 84. B.C. Dichelia sulphureana Cl.
2134	do.	Moths from 2048
2135	do.	Phytoptus on Fraxinus sp. Lexington. June 7, 84.
2136	do.	Gortyna nitela from corn, Lexington, June 7, 84.
2137	do.	Moths from 1908. Teras maliverana, Le B.
2138	do.	Scelodonta nebulosa from 1346
2139	do.	" " " 1347
[illegible]	do.	Moth from 1748 Eccopsis exoletum Zeller.
2141	do.	Scelodonta nebulosa from 1339
2142	do.	Clover geometer. Mt. June 8, 84 B.C. Hydriomena crepuscularia Pack White Clover.
2143	do.	Larvae on Basswood. Mt. June 4, 84. B.C.
2144	do.	Sweepings from clover Mt. June 13, 84.
2145	do.	Moths from 1706 Cacoecia rosaceana Harr.
2146	do.	" " 1972 Cacoecia rosaceana, Harr.
2147	do.	" " 1702 Cacoecia rosaceana & _____
2148	do.	Larvae from 2011 Pyrrhia exprimens, Walker
2149	do.	Blackberry saw-fly larvae (S. rubi) Jo W. Shepherd, Warsaw, Ill. June 9, 84. B.C.
2150	do.	Moths from 1906 Dichelia sulphureana, Clem. Tortrix pallorana, Robs.
2151	do.	" " 1982 Cacoecia rosaceana Harr.
2152	do.	" " 1892 Tortrix albicomana, Clem.
[illegible]	do.	Hymenoptera from 2026
2154	do.	Moth from 1979 Think this was C. rosaceana. Specimen spoiled.
2155	do.	Larvae of Nematus ventralis Mt, May 5 B. C. Wilcox

Larva from 1979

Leaf roller or miner in Apple leaves. Du Quoin, June 7, 84. B.C.

Eggs of Mantis. On twig of Apple. " " " " " B.C.

Larvae-pupa in Serpula-like cases on Apple lvs. Du Quoin " " " " Phycis indiginella

Larva + case from 2159 in ale. Phycis indiginella

Raspberry leaf-roller. Anna, June 6, 84. B.C. Phoxopteris comptana

Larvae from 2161 Phoxopteris comptana, Frol.

Blackberry leaf-roller. Anna, June 6, 84. B.C. Phoxopteris comptana, Frol

Larvae from 2163. Phoxopteris comptana, Frol

Insects supposed to injure seed-corn, from Hon. Jas. Zimmermann Mt Carmel Je 9, 84.

Hymenopter from 1570

Sirophinga, Ne. June 10, 84. From weeds along R.R.

Saw fly, Larvae of Emphytus stellata, Ne. May 10, 84. B.C.

Larvae from 2168

Winded corn cutworm D.C. Faulkner, Oscs, Ill. June 4, 84. B.C.

Cortyna ~~nitela~~ in Thistle. Ne. June 10, 84. B.C. G. rutila, Guen. nebris, Guen. nitela, Gu

Moth from 1710 ?

Yelbow headed corn cutworm, D.C. Faulkner, Oscs, Ill. June 4, 84. B.C. Died

Willow leaf roller, Ne. June 10, 84. B.C. Sarrothripa lintneriana.

Larvae from 2174 Sarrothripa lintneriana. Speyr

Pupa of Chrysopha, Springfield, Ill. June 11, 84. Hatched June 14, 84.

Moth from 1745 Gelechia juncidella Clem.

Pupae from 3854.

Moth from 2 1651. Hbn.

" " 1742 { Tortrix pallorana Robs.

Halticidae from 1983

Moths " 1977 { Gelechia flavocostella Cl. Tortrix pallorana Robs.

Scelodonta nebulosus from 4152

Parasites from 2099

Schizoneura panicola, winged form, from corn roots, Ne. June 13, 84

Aphis maidis, winged root form " " " " " " "

Ia, Nov. 3, 80

Aphis maidis, wingless. from corn roots. Ne. June 13, 84.

Coleopterous pupa from hill of corn. Ne. June 13, 84. B.C. Lozt

Miscel. ins. from among roots of corn " " " "

Hymenoptera, parasitic, found in breeding room. Ne. June 13, 84

Larva from 2142 Cymatophora crepuscularia, Pack

Parasites from 2097

Limenitis disippus from 2052.

Moths from 1974. Oxyptilus delawaricus, Zell

do " " 2010 Oxyptilus delawaricus, Zell.

do " " 2117 Eccopsis ferriferana, Walk.

Corn root fungus, Ne, June 1 84.

2200	do.	Hymenoptera from 1322 Parasites
2201	do.	" " 1322 "
2202	do.	Larva from 2085
2203	do.	Schizoneura paniculata, from corn roots, ringleas. Nl. June 13, 84
2204	do.	Corn leaf fungus, Lexington. June 7, 84
2205	do.	Corn injured by Sortyna ~~nitela~~. Nl. June 13, 84.
2206	do.	Hymenopter from 1906
2207	do.	Hessian fly flaxseeds. Thos. S. Moore, Robinson. Ill. June 14, 84 BC
2208	do.	Cecidomyia galls on leaves of Solidago. Nl. June 13, 84.
2209	do.	From soft maple. June 13, 84.
2210	do.	Saw fly larva on strawberry, Nl. June 21, 84. B.C. Emphytus maculatus Patterth 1707 1707
2211	do.	Apple geometer. Nl. June 13, 84. B.C. Dead
2212	do.	On Raspberry " " " " B.C. Emphytus maculata.
2213	do.	Villa Ridge, June 3, 84. Coleoptera
2214	do.	Larva from 2207
2215	do.	Grass saw fly larvae, parasitized. Nl. June 13, 84. B.C.
2216	do.	Larvae from 2210 Emphytus maculatus
2217	do.	Anthomyia brassicae from cabbage stalks. W. E. Longley, Chicago, Ill. June 9, 84
2218	do.	Nematus ventralis, wild cherry (P. serotina) E. R. Boardman, Elmira, June 9, 84
2219	do.	Pyrrharctia ~~Spilosoma~~ isabella, Nl. May 25
2220	Ullin, Ill., Nov. 3, 1881.	
2221	do.	Smerinthus geminatus, Nl. June 15 Destroyed
2222	do.	Hymenopter from 2157
2223	do.	Moths from 1741 Stegania pustularia, Guen.
2224	do.	Pupa " " " Stegania pustularia, Guen
2225	do.	Moths from 2044 ?
2226	do.	" " 1892 Penthina nimbatana, Cl.
2227	do.	" " 1699 Cacoecia rosaceana, Harr.
2228	do.	" " 1757 Eccopsis exoletum, Zell
2229	Villa Ridge, Nov. 4, 1881.	
2230	do.	Hymenopter 1755
2231	do.	Vanessa antiopa from 2013
2232	do.	Pupae from 2052 Limenitis disippus
2233	do.	" " 2013 Vanessa antiopa
2234	do.	" " 2095 Pyrameis cardui.
2235	do.	Halticidae from 1983 ? ? Orchestris ~~vittata~~ sinuata See same as of 1983 See 2
2236	do.	Hessian fly " 2097
2237	do.	Trirhabda tomentosa from 1744
2238	do.	Callimorpha lecontei from 1405
2239	do.	" " 1566
2240	do.	Moths from 1962 ? Dichelia sulphureana?
2241	do.	Hymenopters from 1996
2242	do.	Moths from 1965 Dichelia sulphureana, Cl. See 2042.
2243	do.	" " 1907 Tortrix parallelana, Pack.

	do.	Moths from 1907 Gelechia juncidella Cl.
	do.	Syrphees : 1961 Syrphus americanus, Wied
	do.	Anthomyidae " 1989
	do.	Larva of Papilio asterias, Wild Parsnip, Nl. June 16, 84 B.C.
	do.	Hessian fly in wheat. T. S. Moore, Robinson. Ill. June 11, 84 B.C.
	do.	" " " C. W. Butler, Anna. Ill. June 18, 84 B.C.
	do.	Larva on ~~Honey~~ Locust, Nl. June 16, 84. B.C. Dried sp.
	do.	Hymenop. Parasite from 2265.
	do.	Moths from 1732 Lacanobia rosacearum? Harr
	do.	" " 1996 Dichelia sulphureana, Cl.
	do.	" " 1936 Harr.
	do.	Tower, Nov. 6, 1881.
	do.	Larva from tops of thistle, Nl. June 19, 84. B.C. Botys inaequalis, Guen.
	do.	Nematus ventralis from 2155
	do.	Parasitic hymenoptera from 1954
	do.	Larvae from 2168
	do.	Nl. June 19, 84. Anerastia haematica, Zell.
	do.	Callimorpha lecontei from 1560
	do.	Larvae of ~~Entrapela~~ Cymatophora, On Rose, Nl. June 20, 84 B.C.
	do.	Hessian fly in wheat, T. S. Moore, Robinson, Ill, June 20, 84, B.C.
	do.	Conotrachelus nenuphar in cherries. Nl. June 20, 84. B.C. Dead
	do.	Grass leaf-roller, one pupa. Nl. June 14, 84. B.C.
	do.	Straw-worm (wheat). Du Dorin, June 7, 84. B.C.
	do.	Hessian fly in wheat, Anna, June 6, 84. B.C. ~~C.W. Butler~~
	do.	" " " Du Dorin. June 7, 84. B.C.
	do.	Parasitic hymenopter from 2268
	do.	Coleopterous larva " "
	do.	Blackberry larva. Anna, June 6, 84. B.C.
	do.	Moth from 2271
	do.	Cocoon " "
	do.	Blackberry leaf-roller? Anna, June 6, 84. B.C.
	do.	Nl. June, 84 Callimorpha lecontei, var. militaris, Harr, & Nemestra oneiqua
		Foreign, Nov. 7, 1881.
	do.	Coleoptera found on Thistle, Nl. June 20, 84. Rhynchophora eating it.
	do.	Larva (~~Hima~~ Selsia diffinis?) Lonicera-camperivirens, Nl. June 18, 84. B.C.
		Brownsville, " 5 1881.
		" July 22, 1881.
		Jamaica, Dec. 12, Aug. 1 1881.
		Brownsville, " 1.
		" " " " "
		" "
		Nice, Aug. 1,
		" "
		" 1 1

	Cankerworm	
2293	Minert	
2294	Hudson	June 26, 1881.
2294 =	2281.	Larvae & pupae from 2300
2295 =	2296	Parasitic hymenoptera from 1962
2296	Canton,	Coll. Jno. Woll.
2297	Ni.	June 26 1881.
2298 =	do.	Larva from 2142 Cymatophora crepuscularia, Pack.
2299 =	2284	Pupa of the from 2113 [illegible], Har.
2300 =	2281	Leaf-miner. Cottonwood (P. monilifera) Nl. June 21, 84. B.C.
2301 =	2286	Striped willow leaf-roller, Nl. June 10, 84. B.C. Yost
2302 =	2285	Pupae on leaf of Lonicera sempervirens, Nl. June 21, 84. B.C.
2303 =	2004	Hessian fly from 2004.
2304 =	2285	Slide from Larva of Telis. sylvatica, shed in cage, 22 J, 84.
2305 =	2163	Moths from 2163 Phoxopteris comptana, Frol.
2306 =	2281	" " 2256 Botis inaequalis, & Eudemis latrana?
2307 =	2284	" " 2159 Phycis indiginella
2308 =	2206	Trichabda tomentosa, Nl. June 22, 84. On Solidago canadensis.
2309 =	2206	Parasitic hymenoptera from 2021
2310 =	2285	" " " 2004
2311 =	2281	Moths from 3867 Datana ministra. Walker.
2312 =	2287	" " 2132 Clisiocampa sylvatica, Harr, var?
2313 =	2282	Pyrameis cardui from 2095
2314	Towanda,	July, 20, 1881.
2315 =		Moths from 2174 Sarrothripa lintneriana, Speyer.
2316	Riley,	July 16, 1881.
2317 =	2286	Larvae from 1910 Gelechia gallaesolidaginis, Riley
2318 =	2289	Moth " 2262 Tortrix albicomana Cl.
2319	Bloomington,	July 12, 1881.
2320	Yuma	Co. Ariz. July 1881 !
2321 =	2292	Ceramica picta on Cabbage, Nl. June 21, 84. B.C.
2322 =	2292	Plutella cruciferarum on " " " " B.C.
2323 =	2282	Moths from 2322 Plutella cruciferarum, Zell
2324 =	2293	Pupa & cocoon " " " " "
	2280	Carabid from 1560
2326 =	2281	Larvae from 2322 Plutella cruciferarum, Zell
2327 =	2290	Pieris rapae, Nl. June 22, 84. B.C. Cabbage.
2328 =	2291	Danais archippus, on Asclepias cornuti, Nl. June 22, 84. B.C.
2329 =	2282	Moth from supposed to have escaped from Dichelia alpheusana, Cl. 1962, June 23, 84.
2330 =		Selandria cerasi, Cherry; Nl. June 23 & 25, 84. B.C.
		Galls on Leaves of Box Elder Nl. June 21 84, B.C

		Pentatomidae from 1701
		Larvae from 1701 Empoasca mendicatus
		" " " "
		" " " "
		Saw fly larvae on Equisetum arvense, Nl. June 22, 84 B.C.
		" " " 6
		" " " "
		Larvae from 2336
		Larvae of Plagiodera lapponica, Willow. Nl. June 24, 84 B.C.
		Larvae from 2340 P. lapponica
		Larvae from 2331
		Hymenoptera from 3541
		Moths " 2161 Phoxopteris comptana, Frol.
		Pupa skins " 1962 Dichelia sulphureana? Cl.
		Moths " 2133 " " "
		Hymen. parasites " 1936
		~~Tipula~~ Empo- ~~Tricladactylus subfasciatus~~ rose. Nl. June 26 84
		Hymenop parasites from 2267
		" " " 2020
		So. Chicago, Oct. 1881. Coll. C.W.B.
		Normal July 16 1881
		Hymenop. parasites from 2050
		Hymenoptera " 2125
		Galls " "
		Thrips " "
		Moths " 2110 Rhopobota? foliana, Fern.
		Thrips " 2122
		Hymenop. parasites " 2249
		Cobden, Oct. 5, 1879, Coll F.S. Earle.
		Hessian fly adult, put with wheat for eggs. June 27, 84 B.C.
		Hymenopterous parasites from 2082
		Hessian fly flaxseeds in wheat. E.C. Madison, Marshall Ill. June, 84.
		" " " Thos S. Moore. Robinson, Ill. June 20, 84
		Chinch bugs from 2364
		Hessian fly flaxseeds in wheat, Thos. S. Moore, Robinson, Ill. June 24, 84. B.
		Larva from 2364 Cecidomyia destructor
		Fly from 2366. " "
		Hessian fly flaxseeds in wheat, Thos. S. Moore, Robinson, Ill. June 27, 84. B.
		Hymenop. parasites from 2369
		Hessian fly flaxseeds in wheat, C.W. Butler, Anna, Ill. June 24, 84 B.
		Hymenoptera from 2256
		Moth from 2274 ? Proteoteras esculana, Riley
		Hymenop. parasites from 2161
		Larva + pupa from 2161 Phoxopteris comptana, Frol.

2376	Urbana, Del., Nov. 9, 1881.
2377	Cobden, Oct. 22, 1881.
2378	2334
2379	Champaign, Feb. 13, 18[illegible]2.
2380	New Madrid Co, Mo. Oct. 20 81 - T.S.E.
2381	Urbana, Oct. 9, 1881
2382	Bl. July 26 '81
[illegible]	[illegible] Jy [illegible] 81
2384	Bl. Aug. 4-81
2385	Lexington July 29. 8
2386	Mineral Pt. 22-8 aghids too poor to determine.
[illegible]	Bl. July [illegible] 8
23[illegible]	[illegible] 11-8
23[illegible]	[illegible] 8
2390	Champaign [illegible] 8
2391	Bl. July 6 8
2392	Shirley July 16 8
2393	Towanda July [illegible] 8
2394	Bl. " 11-8
2395	Bloomington July 13 8
2396	Shirley, Jy 16.-8
2397	Hudson, Jy 20-8
2398	Bl., July 7-81
2399	Towanda Jy 25-8
2400	Bl. Jy 12.-8
2401	Towanda, Jy 25-8
2402	Shirley, Jy 16.-81
2403	Twin Grove, Aug. 1.-8,
2404	McHenry, Aug. 26.-81
2405	Twin Gr. Aug. 1.-8
2406	Shirley, July 2 8
2407	Twin Gr. Aug. 1.-81
2408	Bl. Jy 12. 81
2409	Lexington Jy 29.-81
2410	Mineral, Jy 22.-81 On the [illegible]
2411	Twin Gr. Aug. 1-81
2412	[illegible]
2413	Twin Gr. Aug. 6 8
2414	Bl. Jy 6. -8
2415	Bl. Oct. 12. -8
2416	Hudson, Jy 20-81.
2417	Twin Grove Aug. 1-81
[illegible]	Bl. Aug. 9. -81
[illegible]	[illegible] Jy 26 -81

2432 Shirley, Gy 2. 81

2433 Kl. Gy 11, 8.

2434 (Kl. Gy 7 Wilna Ma ch 8 '82

2435 Kl. Gy 7. 1881.

2436 K. Gy 11. 8

2437 Shirley, Gy. Gy 2. 81

2438 (Kl., Gy 7. 8

2439 " Gy 5 "

2440 " " "

2441 " Gy 7 81

2442 Kinet. Gy 22. 8

2443 " Gy 27 81

2444 "

2445 Kinet Gy 22. 81

2446 Kl., Gy 5. 81

2447 Kinet Co. Cleg. 181

2448 Kinet Gy 22. 81

2449 Shirley, Gy 2. 8

2450 "

2451 Kinet Gy 22 81

2452 "

2453 " Gy 2. 81

2454 " Gy 7. 81

2455 " Gy 7. 81

2456 " Gy 2. 81

2457 " Gy 8. 81

2458 " Gy 8. 81

2459 Kinet, Gy 22 81

2460 " Flie from 2331

2461 " Pupae " 2340 Plagiodera lapponica.

2462 " Stigmenoph, Parasitic from

2463 " Pupae found attached to pedes of Ceramica picta in B.C. 2321, July 2, 84

2464 " Pupa from 4165

2465 " Pteroplorus from pupa fd on table. Emerged. J. 4, 84. Lost,

Urbana Dr. Aug. 1 81

Urbana, March 16, 1882

Do | Moths from 2212 Eupithecia miserulata, Grote.

Do | Hymenop. parasites from 2163

C. | ~~Hessian flies~~ Cecidomyidæ caught in house, C. W. Butler, Anna, Ill. July 5, 84.

Do | Moths from 2340 Cacoecia rosaceana ? ? Harr.

Do | " " 2040 Lencania unipuncta, Haw

Do | " " 1959 Cacoecia rosaceana, Harr.

C. | " " " Ephestia interpunctella

Do. | Hessian fly flaxseeds in wheat, Thos. S. Moore, Robinson, Ill. July 1, 84, B.C.

Slide of whitish mass of matter from vent of sick larva from 4169, Je. 29. '84.

Slides of fluids of dead larva from 2321 a June 29, '84.

Do

From Dr. Aug. 6, 81

Shirley, Jy 16-81

Bl., " 15-81

" " 15-81

" " 15-81

Urbana Dr. Aug. 1 81

Do | Nematus ventralis on Willow, Ill. June 29, 84 B.C. Dead.

C. | Hymenopterous pupae on twig of Norway spruce. Ill. June 25, 84. B.C.

Do. | Hymenoptera from 2483

Do. | Lepidopterous larva eating flower of Helianthus. Ill. July 4, 84 B.C. Eupithecia miserulata Gr.

Urbana Jy 15 81

Urbana Dr. Aug ? 1881

Shirley, Jy 12-81

Owen Gr. Aug. 6-81

Urbana Dr. Aug. 1. 81

Vincennes, Jy 22-81

Irving Gr. Jy 27-81

Owen Gr. Aug. 1-81

Hudson, Jy 29, 81

Owen Gr. Aug. 6-81

Urbana, Apr. 6 1882

Shirley, Jy 10 81

Ill., Jy 8, 81.

Ill., Aug. 4. 81

Shirley, Jy. 4 81.

Urbana Apr. 6 1882

C. | Pupa of leaf roller on Silphium integrifolium, Ill. June 28, 84 B.C. Dead

Do. | Apple insects, Ill, June 28, 84. B.C. Dead

C. | Blackberry leaf roller. Ill. June 30, 84. B.C. Ecpoipis rimundana Fitch Lophoderus vulvulana Zeller

C. | Larvae feeding on Osmunda regalia, Rec'd June 30, 84 from J. J. Berrill B.C. Lost

C. | Cecidomyia gall on Silphium integrifolium, Ill. June 28, 84. B.C.

[illegible]

[illegible], 81

[illegible], 81

[illegible], 81

[illegible], 81

[illegible], 81

[illegible], 1881

[illegible], 81

[illegible], 81

[illegible], 81

[illegible], 1881

[illegible], 81

[illegible], 1881

[illegible], 1881

[illegible], 1881

[illegible], 1881

2521 [illegible], Ill., July 7, 1881.

2522 [illegible], Ill., July 29, 1881.

2523 [illegible], 25, 1881.

2524 [illegible], 22, 1881.

2525 [illegible], Aug. 1, 1881.

2526 [illegible], 1881.

2527 [illegible], 16, 1881.

2528 [illegible], July 7, 1881.

2529 [illegible], Ill., Aug. 1, 1881.

2530 Fungus from surface of leathmopha larva, head of muscardine. Normal, 20 ℉.

2531 = 2530. Entomophthora

2532 From blood of Ennomica, head of induced flaccidity, Je 30 '84.

2533 " fluid. " " " 232

2534 Larvae + pupae from 2506.

2535 Cynips? galls on Rose, Nl, June 28, 84. B.C.

2536 Larvae, pupae + gall from 2535

2537 Pupa from B.C. 30. ?

2538 Hessian fly flaxseeds in wheat, J.S. Moore, Robinson, Ill, June 30, 84. B.C.

2539 Larva from 2538 Cecidomyia destructor

2540 Pupa from 2011 ~~Oxyptilus delawaricus, Zeld.~~ Pyrrhia exprimens, Walk.

2541 Chinch-bugs from 2371

2542 Pupae + cocoon from 2174 Sarrothripa lintneriana, Speyr

2543 Leaf-roller " " 2031 = Lophoderus triferana, Walker.

2544 Hessian fly flaxseeds in wheat, E.C. Madison, Marshall, Ill, June 25, 84 B.C.

2545 " " supposed to have escaped from 2544

2546 Papilio asterias from 2247

2547 Plagiodera lapponica from 2340

2548 Pempelia hammondi
Larger apple leaf-roller, Nl, July 3, 84, B.C. Pempelia hammondi.

2549 Larva from 2051

2550 " from 2168

2551 Danais archippus from 2328
2552 Empoa albopicta, from Apple trees, Nl. July 2, 84. Augustine.
2553 Krapfa interrogationis, larva, from Ulmus, Nl. July 3. 84, B.C.
2554 Hemipterous eggs on Raspberry, Nl. July 4, 84. B.C.
2555 Lepidopterous larvae on Solidago canadensis, Nl. July 4, 84. B.C. Cucullia asteroides Guen. ~~Cucullia~~
2556 Larvae from 2555. Cucullia asteroides, Guen.
2557 Leaf miner on Solidago canadensis, Nl. July 4, 84. B.C.
2558 Larvae & pupae from 2557
2559 Pupa on Ambrosia trifida, Nl. July 4, 84. B.C.
2560 Aphis on Monarda fistulosa, Nl. July 4, 84.
2561 Leaf miner in ~~Honey~~ Locust, Nl. July 4, 84 B.C.
2562 Larvae from 2561
2563 Sawfly larvae on ~~Honey~~ Locust, Nl. July 4, 84 B.C. Nematus n.sp.
2564 Larvae from stem galls in Solidago canadensis like 1910, Nl. July 4, 84. Gelechia galleaesolidaginis Riley,
2565 Larvae on Ambrosia trifida, Nl. July 4, 84 B.C. Died
2566 Larvae boring in bud galls of Cecidomyia? on Solidago canadensis, Nl July 4, 84, B.C.
2567 Larvae from 2566
2568 Larvae & pupae in Cirsium canadense (~~Pterophorus~~) Nl. July 4, 84, BC. Platyptilus carduidactylus Riley
2569 Larva & pupa from 2568 Platyptilus carduidactylus. Riley
2570 Lepidopterous larvae on Timothy, Nl. July 5, 84. B.C. Heliophila [Grote harveyi?
2571 " " " " " " " " " B.C. H. harveyi Grote
2572 Sweepings, Nl. July 4, 84.
2573 Egg of "Twig Girdler" on Monarda fistulosa, Nl. July 4, 84. B.C. Dried up
2574 Borer in flowers of Silphium perfoliatum, Nl. July 6, 84.
2575 Cryptocephalus, sp. on Lysimachia ciliata, ♂ & ♀, Nl. July 4, 84.
2576 Cecidomyia larvae from flowers of Helianthus, Nl. July 4, 84
2577 Moth from 2011 Pyrrhia exprimens. Walk.
2578 Larva on Box Elder. Nl. July 7, 84. B.C.
2579 Larva of Pezotettix femur-rubrum & parasite from it. Nl. July 4, 84.
2580 Hymenoptera from 2266.
2581 Hessian fly flaxseeds in wheat, Thos. E. Moore, Robinson, Ill, July 5, 84 B.C.
2582 Pulvinaria innumerabilis, 2nd stage, from Lvs. of Clover, Smartweed &c., Nl July 7, 84.
2583 Larvae from 1556. Cecidomyia strobiloides?
2584 Cynips from Silphium integrifolium, Nl. July 6, 84.
2585 Rhynchites sp. from " " " " " "
2586 Nl. July 6, 84. Coleoptera.
2587 Young Hemiptera & eggs from ~~Honey~~ Locust, Nl. July 7, 84
2588 Insects from Grape. " " " "
2589 Moth in alc. from 1965 Crambus sp.
2590 Epicauta pennsylvanica from ~~Honey~~ Locust, Nl. July 4, 84.
2591 Trichobdella tomentosa from Solidago canadensis, Nl. July 4, 84.
2592 Larva in stalk of Thistle, Nl. July 4, 84.
2593 Larva in mud nidus on leaf of Larch, Nl. July 9, 84. B.C.
2594 Fly & pupa from 2047

2595 Larvae + pupae from 2047

2596 Hymenoptera from 2302

2597 Larvae from 2278

2598 Leaf-galls of Cecidomyia sp. on Helianthus rigidus, Nl. July 4-6, 84, B.C.

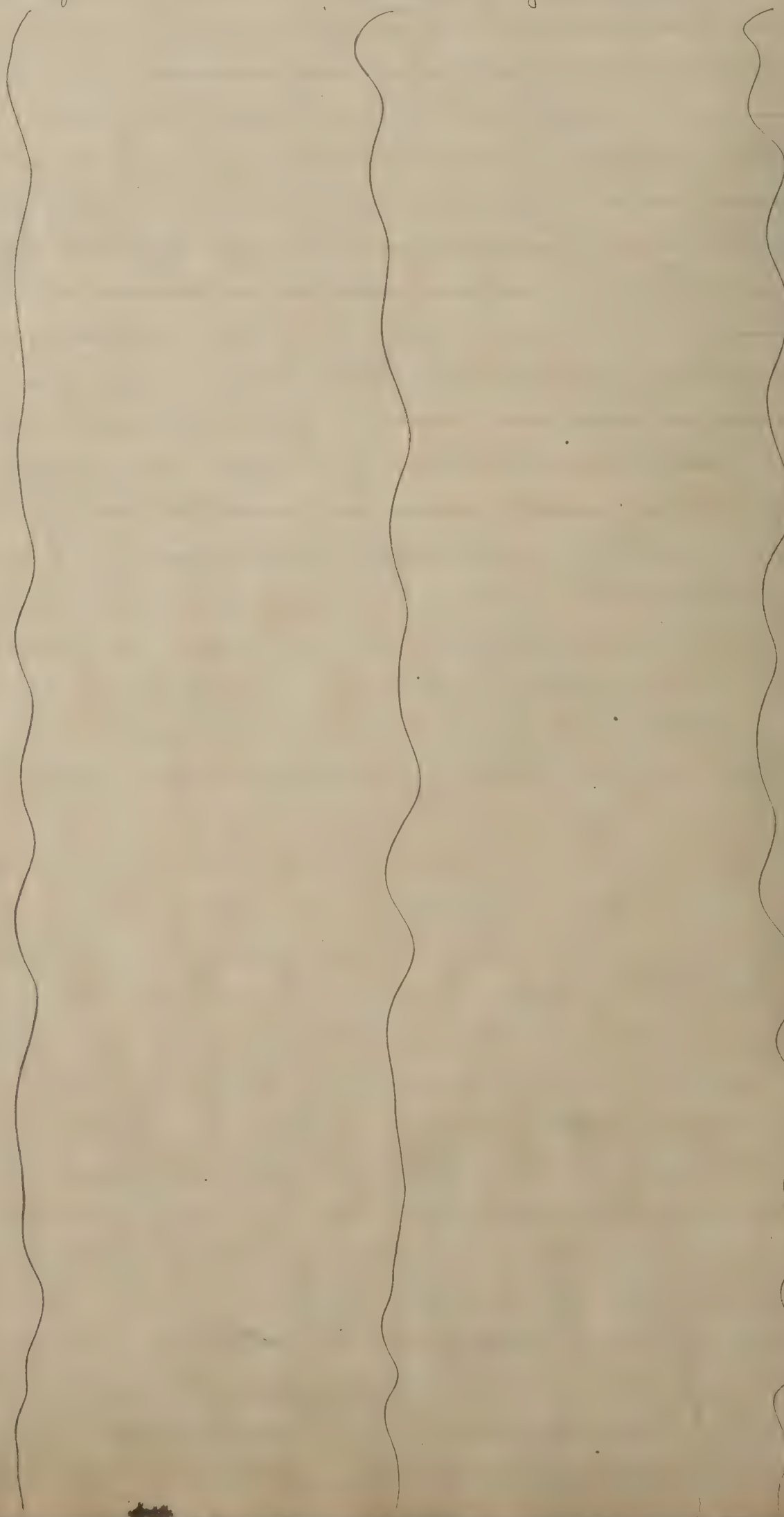
2599 Larvae + pupae from 2598

2600 Pemphigus ventricosus on currant, Nl. July 8, 84. B.C.

2601 Larvae from 2600

2602 Pristiphora ~~rufipes~~? on currant, Nl. July 8, 84. B.C. P. grossulariae, Walsh

2603 Larvae from 2602 Pristiphora grossulariae, Walsh.



2608

2614

2616

2618

2619

2622- [illegible]

2623 Cybister fimbriolatus Normal Ind -

2624 Acilius semisparsus N. Ill Aug 1880 [illegible]

2625 [illegible]

2626 N Dells Aug 1880

2627 Normal Aug 20/81

2628 Normal Mch 4/82

2629 Hudson July 2[illegible]/8

2630 Bloomington Oct 1881

2631 Normal June 18, 8

2632 Augusta [illegible] Ills July 5/1[illegible]

2633 Peoria July 11-78

Oct 4-78

2635 East Cairo Ky 79

2636 Nipisink Lake May 8, 1880

263[illegible] N Dells Sept. 1881

2638 Baraboo Dells

2639 Lake Michigan, Chicago, 22 mar., 1882

2640 DeKalb Co, Dells

2641 Grand P[illegible]

[illegible]

Limnebius nr aeneus? 2637

Diaptomus sicilis ♂ gen.? 2639
Food of Young Whitefish. Exposition Bldg., 15 mar., 1882.

2650 " " " " march 24, 1882. Final lot.
2651 Cumacea striata, Food of Young Whitefish. 2650.
2652 Under boards &c. Ft. Apr. 3 1882.

2654 Moina, Lowanda Pond, May, 1881
2655 Macrothrix " "
2656 Diaptomus sicilis, Food Lowanda Pond, May, 1881.
2657 Young whitefish (food of), 1st lot., Exposition Bldg., 14 mch.

2661 Diaptomus, sp.? 2631.
2663 Cyclops strenuus from tank, Exposition Bldg, Chicago, 24 Mch
2665 Diaptomus, sp. 2639
2666 Food of Lycaeides fimbriolatus, "
2667 " " Limnetis occidentalis, "
2668 " " Diaptomus gracilis, "
2669 " " Diaptomus sanguineus, "

2691 Ephemerus [illegible] 26[illegible]
2692 Ephemerus diffinis, 2674.
2693 Walsman. Ill., Sept. 1880. on Ragweed.
2694 Perlinalis hemisphaericus 2693.
2695 Crotis [illegible]
✓ 2696 [illegible]
✓ 2697 [illegible] 27th. 1882.
✓ 2698 Bloomington Ills Apr 27. 1882. Hart
2699 Platonis [illegible]
✓ 2700 Amnicola cincinnatiensis, Anthony 564.
✓ 2701 Valvata sincera, Say. 57
✓ 2702 Pisidium compressum, Pr[illegible]
✓ 2703 Planorbis deflectus, Say, 571
✓ 2704 Valvata tricarinata, Say, 57[illegible]
✓ 2705 [illegible]
2706 Planorbis bicarinatus, Say.. 57[illegible]
2707 Amnicola cincinnatiensis, Antho[illegible].57[illegible]
✓ 2708 Limnaea desidiosa, Say, 57[illegible]
2709 " humilis, Say, 57[illegible]
2710 Limnaea [illegible]
2711 Planorbis bicarinatus, Say, 563.
✓ 2712 Pleurocera 571
✓ 2713 Sphaerium solidulum, Prime, [illegible]
2714 Sphaerium occidentale, 571
2715 Planorbis deflectus 563
2716 " " 564
2717 Physa heterostropha, 564
✓ 2718 Somatogyrus isogonus, Say, 501.
✓ 2719 Sphaerium striatum, Lam, 510
✓ 2720 Operculum of Bythinella obtusa, Lea, 505
✓ 2721 Bythinella [illegible] Lea, 513
✓ 2722 Amnicola limosa, jr, Say. 505
✓ 2723 Somatogyrus isogonus, jr, Say. 505
✓ 2724 Limnaea catascopium, jr, Say. 505.
✓ 2725 Sphaerium striatinum, Lam, 504.
✓ 2726 Physa heterostropha, Say, 510
✓ 2727 Margaritana deltoidea, jr, Say. 571
✓ 2728 Limnaea catascopium, Say 551
✓ 2729 Pisidium compressum, Prime 552.
✓ 2730 Amnicola 553
✓ 2731 Amnicola limosa, Say 556
✓ 2732 Pisidium compressum, Prime 556
✓ 2733 Gonidobasis livescens, Menke, 553.
✓ 2734 Somatogyrus isogonus, Say, 503.

2733 Pinus [illegible] conifera, Thurs, 352.
2734 Cuscuta [illegible], Sug, 307
2735 Eucalyptus [illegible], Sug, 295
2736 Pupa [illegible], on Sambucus [illegible] cerea, Merke, 504.
2737 " " " " " " 342.
2738 Pinus [illegible] ferus, Hyb. 311.
2739 Sphaeria [illegible] striatum, Lasch, 351.
2740 Lecanora [illegible], Sug, 312
2741 Pinus [illegible] ferus, Hyb, 311
2742 511
2743 Scythia [illegible] alba, 510
2744 Agaricus [illegible] cinnamomeus, 511
2745 Pleurotus [illegible] de, 503
2746 Polyporus [illegible] de, 511
2747 Polyporus [illegible], 513.
2748 Pinus [illegible] ferus, 511
2749 511
2750 551
2751 Pinus [illegible] ferus, 551
2752 Scythia [illegible] alba, Lasch, 551
2753 Peridium [illegible] Pers, 551
2754 [illegible] 551
2755 [illegible] 552
2756 Bythella obtusa de, 552.
2757 [illegible] 552
2758 Normal Ills May 4–82 Webster
2759 Oldersia, from Botanus [illegible], Eastman, Decatur, May,
2760 Robinson's Orchard, Leslie, May 20, 1882
2761 "
2762 "
2763
2764
2765
2766 Apis mellifica 11 ♂s and 14 ♀s Eastman Decatur
2767
2768 Fungus from outside of head of Formica [illegible]. 3015
2769 " " Scythia " " " "
2773 Larvae feeding upon Fungus [illegible] circulare B.C. No. 1. = 2777
2774 Melon [illegible] Net. Middle of River, windy, sunny, surface [illegible]
2775 shallow w
2776 " Sand, [illegible]
Mamestra Picta Harr = 2773.
" " Breeding cage Aug 1882.

Breeding Cage No 4 Ill Aug 1882

Cucumber field, Ill. Aug. 19, 1882
Cornfield, Ill. Aug. 19, 1882 3 vials
"Taken while being killed by Asilis." Ill. Dll., Aug. 20 '82. Webster
"Victim of Asilis Sp. Waterman Dll., Aug. 22, '82" Webster
Insects from roots,) Xanthium Strumarium, Mr King's farm, Ill. Aug. 31, '82.
~~2 vials~~ Root form. from musk-melon, pl. 14 S. 1882.
Aphis cucumeris, pupa, winged form + 2 Specimens of
Cyclops, n. s., from Aquarium, Washington D.C. (Shumard)
Form unrelated, Ill. 16 S. '82.

Ants from Crows pasture Ill Oct 23, 82

2796 " " Road S.
" "
Plant

2799 " " root form on weed
2800 Lakes Goose L., Tazewell Co., Aug. 16, 1882. McC.
2801 Pekin L., Aug. 17, 1882. McC.
2802 Pekin L. Aug. 17, 1882. Towing Net, 8 P.M. McC.
Kingston L., Aug. 1, 1882. ~~Fulton~~ Peoria Co. "
2804 Pekin L. Aug. 18, 1882. "
2805 Opp. & below Ferry Pekin Aug 18, 1882. Towing Net, 8 P.M.
2806 Pekin L., Aug 19, 1882. McC.
2807 Holes & ponds & ravines near from Ferry, Pekin, Aug. 21, 1882. M. & Houghton
2808 Kingston L., Aug. 21, 1882. M. & H.
2809 Big Slough C. R., Fulton Co. near Pekin, Aug. 23, 1882. "
2810 Kingston L., Aug. 23, 1882. M. & H.
2811 Cut Bk Cove below Still Houses, Pekin, Aug. 23, 1882. M. & H.
Pekin L., Aug. 24, 1882. McC. & H.
Turkey's L. Pekin, Aug. 24, 1882. McC. & H.
Pekin L., Aug. 24 1882. McC. & H.
2815 Kingston L., Aug. 28, 1882. McC.
2816 Otter Cr., Jersey Co., Ill., Aug. 31, 1882. J. & M.
2817 From [illegible] Field [illegible] 29 [illegible] 82

Silver L., Calhoun Co., Sept. 1, '82. J. & M.
Gilbert's L. Jersey Co. Sept. 2, 1882. J. & M.
Ponds & Lakes at Mch. & Ill. River, Sep. 1 & 2, 1882. J. & M.
[illegible] Sept. 7, Pt [illegible] Hills Island Sep. 8, 1882. M.

Big Vermilion Rock Creek, near mth., Plano, Sep. 9, 1882. McC.
Rob Roy Cr. & ~~Fox~~ Rock R., Plano, Sep. 11, 1882. McC.
Peoria, Aug. 18, 1882. S.A.F.
Pekin, Sept. 28 – 30, 1882. McC.
Chicago Market, Oct. 1882. S.A.F.
Drew Pond near Carmi & Big Wabash R., Oct. 3, 1882. Garman.
Clear Cr., Union Co., Sept. 19, 1882. G.
Pond Slough nr. Running L. Union Co. Sept. 14, 1882. G.
Running L., Union Co. Sept. 15, 1882. G.
" " " " " 19, " "
Pekin, Nov. 1882. McC.
Nickel L. between Peoria & Pekin, Nov. 8, 1882. Ill.
Brds. from rec'd. Nov. 13, 1882, from S.A.F.
Little Fox R., Phillipstown, White Co. Sel. Oct. 5, 1882. G.
E. Cairo, Ky. opp. Nov. 13, 1882. S.A.F. G.
Fishes loose in Can from Wabash Valley, Oct. 1882. G.
Little Wabash R. Carmi, Sel. Oct. 1, 1882. G.
Bottoms of Union Co., Nov. 15, 1882. S.A.F.
Pond at Hawthorne, White Co., Sel. Oct. 4, 1882. G.
Clear Lake, Carmi, Sel., Oct. 4, 1882. G.
Loose in Can from [illegible] Sel. Sept. 1882. G.
[illegible] nr. Cairo, Ill., [illegible] Co., Sel. 14, 1882. G.
Wabash R. at Wabash Sta. Oct. 4, 1882 G.
Mackinaw Cr., Kappa, Sel. Aug. 2, 1882.
Polydesmus canadensis, King's Cornfield, Nl. 7 N. 8 2.
From Seine, N. Shore Cedar L., Oct. 13, 1882.

2943 Normal, April 7, 82. In bottles.

2948 Off Govt pier, Chicago, May 12, 1882. N.W. Wind. Diatoms with cysts & bottle
2947 In Crib Tank, Chicago, May 17, '82. Light E. Wind.
2950 1 mile E. of Chicago, May 26, '82. Light N. Wind.
2951 Outside new breakwater, Chicago, June 10, 1882.
2952 Near Crib, Chicago, June 20, '82.
2953 Outside slk. end Govt. pier, June 27, 1882.
2954 Slk. end Basin, Chicago, July 5, 1882.

2955 Nth. end pier, near shore (½ mile) Chicago July 13, 1882.
2956 About 4 miles outside Larbor, Chicago, July 18, 1882.
2957 About 10 miles " " " " 21 "
2958 " 1 mile " North pier, Chicago, Aug 26, 1882.
2959 Outside, off [illegible], Chicago, Sept. 1, 1882.
2960 Ascomorpha + Leptodora 2955-9
~~Micrococcus, insectorum, Burrill~~
~~Not in from bibline~~

2963 Eggs Diabrotica longicornis Kings field Nov 8, 82
2964 Grafton Ills June 15, 82 Forbes

2968 Mites from bottles of Matter from among grain sent by Mr Wright St Johns Ills

2969 Mite (Heterospus ventricosus Newport?) parasitic on larva of Isaichnia cerealella. From wheat from S. Ills. sent by Mr Wright of St Johns, Ills.
2970 Mouth parts of larva of Isaichnia
2971 Head of larva of Isaichnia cerealella
2972 Tachys incurvus, Say, ~~King's Lomfield, 7 N. 82~~ 2784.
2973 St Johns Ills Oct 18, 1882. M. E. Wright

2991 Larva of Lithosiid sp. Me. July 9, 84. Willow

2992 Lepidopterous larvae on Willow (Salicaceae) Me. July 6, 84. B.C. a. oblinita

2979 Parasitic Hymenoptera from 2568

3001 Pteromalous from 2568 Platyptilus carduidactylus, Riley.

3001 Under decaying log Carbondale Ills Apr 18 – 1882
3002 Larva of Nephelodes violans Carbondale Ills Apr 19 82
3003 About Carbondale Jackson Co, Ills Apr 1882
3004 Under log Carbondale Apr 19 – 82
3005 Grand Tower. Ills. Apr 20 & 24. 1882
3006 Under boards River bank 7 a.m. Grand Tower Apr 22/82
3007 " Stones (Back bone) Grand Tower Apr 23/82
3008 Fountain Bluff Apr 24/82
3009 Murphysboro Ills " " "
3010 " " Under bark. 8 a.m. Apr
3012 Under logs 6 & 7 a.m. Anna Ills Apr 27/82
3013 Possible food of S. fasciatus. in 3012
3014 Mr Earle's Strawberry field under boards near margin of small pond Apr 27/82
3015 Specimen of Sminthus taken while devouring insect enclosed Apr 27 82
3016 Mr Earle's field Apr 27. 1882
3017 On blue grass 3.30 P.M. Anna Apr 27, 82
3018 Anna Ills Apr 26 & 28, 1882
3019 Larva of Elissiocampa silvatica Anna. Ills. Apr 26 82
3020 Under boards Anna Ills Apr 28, 1882. 6. A.M.
3021 Cobden Ills Apr 28 & 30. 1882
3022 " " " On Sumach.
3023 Under stones Cobden Ills Apr 29/82
3024 Larva of Melitaea phaeton Cobden Apr 29/82
3025 Carbondale Ills Apr 30/82
3026 " " " " " Under boards at 10 am & 12 M.
3027 On Dandelion blossom 1 P.M. Normal Ills May 5/82
3028 Larva taken from fungus 4413 May 6, 1882
3029 Bloomington Ills May 8/82
3030 " " " " On head of Blue grass ? ring?
3031 Under Boards Ill May 11–82. 5,30 A.M. (2)
3032 Ptinostichus hammondii. Hood / 3006.
3033 Eriarthrus colossus. 3023.
3034 Taken with sweep net on Carex rossa-pastoris Bloomington Ills May 8–82
3035 Bloomington May 15 82
3036 Taken on June grass sweeping net May 17–82 Bloomington
3037 Under Stump 5,30 P.M " " "
3038 " Stone 5 P.M " " "
3039 On Carex rossa-pastoris. ♂ & ♀ " " "
3040 Kings Mills May 18–82
3041 " " " " On Bluegrass 5,30 P.M.
3042 Bloomington Ills May 19–82
3043 " " " " " Under Log 3,30 P.M

3044 [illegible] May 28-82
3045 [illegible] 29-1882
3046 [illegible]
3047 Throstichus (n. s.?) near nubicus, Newm. 3045
3048 Forbesia [illegible]
3049 [illegible] Ills June 8-82 [illegible]
3050 Rhizobius pozae 3049, On lime grass, brown stem & sheath,
3051 [illegible] Ills June 6, 1882.
3052 [illegible] Anthomyia from Watermelon seed June 6, 82
3053 Bloomington June 7-1882
3054 Hudson Ills June 8-1882
3055 [illegible]
3056 Cemetery, Bloomington, [illegible]
3057 Normal Ills June 14, 1882.
3058 " " " 15 "
3059 Forbesia Ills " 16 "
3060 Grading cage June 19-1882 = 3052: Antho[illegible] raphani Harr.
3061 Bloomington Ills June 22, 1882
3062 Normal Ills June 23, 82
3063 Poor farm, June 24, 1882
3064 Elsworth June 28, 1882 Aspis coccalis
3065 Larva Leucania unipuncta. Swamp nr Normal Ill July 1, 82
3066 Podisidae " " " "
[illegible]
4 [illegible] July 82
3069 Normal July, 1882. Aspis coccalis
3070 Mt Hugar, Normal, July, 1882. Aspis coccalis
3071 Saybrook, July 13, 1882.
3072 Forbesia Ills July 15, 82.
[illegible]
3074 Fields of Broom corn, Sorghum, & Corn, Champaign, July 12, 1882.
3075 Cornfields, Champaign, July 13, 1882. (Gortyna from oats)
3076 Cornfields & Apple tree leaves, Paxton, July 13, 1882.
3077 Field of young plum trees, Dr. L. A. Small, Kankakee, July 14, '82
3078 Ant & cocoon taken together, Kilman, July 14, 1882. also
~~3079~~ other insects from between sheath & stalk of corn, Kankakee, July 14, 1882
3079 ~~3080~~ Thrips from Timothy, Waukegan, July 17, '82. Also Eggs.
3080 Waukegan, July 17, '82. Straw shows work of Thrips(?) on Timothy
Elaterida from blossoms of Timothy, Gortyna from oats.
3081 From beneath sheath of Timothy, Waukegan, July 17, 1882.
3082 Selandria cerasi, Waukegan, July 17, 1882. Leaves of Pear.
3083 Aphides & eggs from inside of sheath of timothy, Elgin, July 18, '82.
3084 From Acer (Box elder, long, oval, oblong, white leaves.)
Elgin, July 18, 1882. Ant attending Aphides.

3085 Cherry leaves, Elgin, July 18, 1882.
3086 Lophyrus Abbotii from Ill. See Cleveland
3087 Siphonophora viticola Thos. On grape Morris Ills July 82
3088 Parasite on 3087
3089 [illegible] ? on [illegible] Aug 2-82
3090 Larva feeding on [illegible] Aug 2 Ill Aug 25, 82.
3091 Phylloxera vastatrix Schmidt's [illegible] Ill Aug 27, 82
3092 From cucumber vines [illegible] Ill Aug 26 82
[illegible]
3096 Arrowsmith Ills Aug 1, 82
3097 Kappa Aug 82
3098 Tulon Ohio [illegible] Thomas Ill
[illegible] Forel [illegible] comma) 3014
3100 Pekin, Ill., Aug. [illegible] 1882.
3101 In Cornfield, Pekin.
3102 On corn & grass, In Cornfield, Pekin, Aug. 8, '82.
3103 Dorypthora, on Horse Nettle, " " " " "
3104 Parasite on 3086 Ill Aug 16-82 (Breeding cage)
3105 Normal Ills Aug 1882.
3106 Lice on apple bds. recd by mail Aug. 26, 82
3107 Watertown Ills Aug 1882
3108 Sandwich Ills Aug 1882.
3109 Fox River between Yorkville & Millington Aug 1882.
3110 Ills River from Ottawa to Buffalo Rock Aug 1882.
3111 " " " Buffalo Rock to La Salle Aug 1882.
3112 Mason City Ills Sept 6. 82
3113 Hippodamia [illegible]
3114 H. [illegible]
3115 H. [illegible]
3116 Cycloneda sanguinea
3117 Diabrotica [illegible]
3118 " " "
[illegible]
3120 [illegible]
3121 Diabrotica longicornis, Lawn field, on Ragweed, Ill. 9 Sept, 1882
3122 " " " Smartweed, " "
3123 Diptera larva from corn between sheath & stalk Ill Sept 11. 82
3124 Cobden Ills Sept 11, 12, 1882
3125 Ill " " 14, 82
3126 Running Lake Ills Sept, 82.
3127 Tomato worm Lumbricus [illegible] Anna Ills Sept 12, 82. Description in notes
3128 Larva of Chauliognathus pennsylvanicus 3124

3129 Parasite on Thomas's Cottage worm Anna Ills Sept. 15, 82
3130 From Crushed Celtinch Bug. Nl. 18 8., 1882.
3131 ~~Mucor~~ Mould from dead Celtinch Bug. Nl. 18 8., 1882.
3132 Bacteria &c. from decay infected by Celtinch bugs. Nl. 18 8.8
3133 Villa Ridge Ills Sept 1882
3134 Insect work on Rudbeckia Laciniata Oregon Ills Sept 25, 82
3135 [illegible] Ills. Sept 22. 82.
3136 Centralia Ills Sept-23. 82
3137 Sandstone Ills Sept 24. 82
3138 Nl Oct 1882
3139 [illegible]
3140 Galactia longiuscula, Thomas's field, Nl. 10. 82
3141 " " Hewitt's Lot " "
3142 Carmi Ills Oct 6. 82.
3143 Grafton, Ills. Oct. 12, 82. (Shells)
3144 [illegible]
3145 [illegible]
3146 Nl. May 6, '82.
3147 Normal, July, 1881.
3148 Bloomington, Ill. July, 1881.
3149 Nl. Aug. '81.
3150 Nl. Sep. '82.
3151 Shirley, Ill., July, 1882.
3152 Hudson, July, '81.
3153 Ellsworth, July, '81.
3154 Towanda, July, '81.
3155 Breeding Cage, Apr. 19, 1882.
3156 Shirley Ill. July '81.
3157 Pine Nile [illegible] Ill.
3158 Cache Cr., Union Co., Ill. Sept 30, 1882.
3159 Normal Ill. June 1881.
3160 Towanda Pond Apr. 1 1882.
3161 From seeds of Hibiscus militaris. Lab. Normal Jan. 1880.
3162 Normal Ill. April 18. 1881.
3163 Parasite from Umbra limi, 2831.
3164 " " Fundulus diaphanus, 2848.
3165 Johnson County Ills. May '82.
3166 [illegible] Earth
3167
3168
3169
3170
3171 Bloomington Ill. Mar 8. 83. Woods.

Pimpla inquisitor Say (see Patton card)

3186 From burrows in decaying bass-wood (Elm?) Bloomington Ill, March 8, 1883
3187 Pekin Ill. (without date).
3188 Normal Ill Mar 14, 83
3189 " " " " " Larva of Chironomus
3190 " " " 17 "
3191 Hybos nitidus Macquart, 2 ♀♀
3192 Woods near Bloomington March 4. '83. (Under bark and logs – larva only).
3193 From [illegible] of [illegible]
3194 Central Florida (Orange County) March 1883.
3195 Brunton's Strawberry fields Centralia Ill Apr 10. 83
3196 Hessian fly Hesters wheat field " " " " "
3197 Du Quoin Apr 11. 83
3198 Earls garden Cobden Ill Apr 12, 83.
3199 Woodrich's Strawberry field Cobden Apr 12. 83.
3200 " " " " " " " Cells in ground
3201 Strawberry field Anna Ill Apr 14. 83
3202 " " " " 16 "
3203 Villa Ridge Apr 17. 83.
3204 Cobden Ill " 18 "
3205 Carbondale " 20. 21 "
3206 " " " Wheat field sweep net
3207 Sweep net Hesters wheat field Apr 21–22 Centralia Ill
3208 Centralia " " " " "
3209 Brunton's field north of house Centralia Ill Apr 22. 83
3210 " " " west " " " " " " (Grasshopper)
3211 Heyworth Ill Apr 27, 83
3212 South of Bloomington Ill Apr 28. 83
3213 Leslie Ill May 3rd 83.
3214 Eggs from about roots of last years corn. Robbins field 3213,
3215

3216 Bloomington Ill May 7. 83.
3217 Funks Grove " " 8 "
3218 Normal " " " " Destroyed by pests (1904)
3219 Bloomington " " 9 "
3220 [illegible] tridentata [illegible]
3221 Normal Ill May 11. 83.
3222 " " " 12 " Destroyed by pests: (1904)
3223
3224 Dipterous larva from grass on which it feeds, Normal Ill May 14, 83
3225 Bloomington Ill May 15, 83
3226 Normal Ill May 17 1883
3227 [illegible]
3228 Irwandale Ill May 10, 83
3229 Under bark of dead Elm 3228
3230 Cerrus in decaying stump "
3231 Normal Ill May 19. 83
3232 Vickroys Strawberry field Normal Ill May 23. 83. 10289.
3233 Isotyma nitida from blue grass Ill May 24. 83.
3234 Phoenix Nursery Sweep net Ill May 24. 83.
3235 Irwanda Ill May 26. 83
3236 Chalcis sp bred from bag-worm (3205) Ill May 28, 83.
3237 Thyridopteryx ephemeraeformis (3205) " " "
3238 Normal Ill May 29-31 83 Sweeping
3239 Bloomington Ill " " "
3240 Corn affected by aphis maidis field Ill June 1. 8
3241 " " " Dipterous Larvae " " " " "
3242 " " " Ants " " " " "
3243 Funks Grove Ill June 2, 83
3244 Normal Ill June 5. 83
3245 Pupae of Androchirus fuscipes from decaying Red-bud 3243
3246 Corn fields east of Ill June 6. 83
3247 Tineid larvae, Injuring corn Downs Ill June 7. 83
3248 Aphis maidis, Winged, vials of corn " " " "
3249 Isotyma nitida destroying " " " " "
3250 Wire worm from hill of corn " " " " "
3251 Corn injured by insects (?) " " " "
3252 Anthomyia zeae from corn " " " "
3253 Graphiops (Heterospis) pubescens from Earth taken from 3202. (June Carodonta
3254 Downs Ill June 7, 1883
3255 From Earth brought from S. Ill. (3202) with 3253
3256 Pupae of Synchroa punctata 3239. 3239
3257 Winged plant lice from Strawberry plants Normal June 11, 83.
3258 Dipterous larvae from grain of decaying corn " " 12 "
3259 Antho[illegible]ia zeae larvae from Corn field " " " "

3260. C. K. Worthen, Warsaw, Ill. (No date.)
3261 Parasite from Chiola analostana
3262 " " " straminea
3263 " " Minnilus cornutus
3264 " " " atherinoides
3265 " " Semotilus corporalis
3266. Grafton, Ill. June 14. 1882.
3267 = 3101
3268 = 3055
3269 Feeding on Clover (Red) blossoms Normal Ill July 5, 82
3270 " " pollen of timothy " " 1, 82.
3271 —— " From Lattins field of corn Shabbona Dekalb Ill Aug 21, 82
3272 From hill of corn affected by disk harrow Plano Ill Aug 27, 82
3273 " " " " " " " " Waterman Ill Aug 22, 82.
3275 = 3100
3276 Feeding on anthers of corn Normal Ill July 31. 82.
3277 = 2070
3278 = 3068
3279 Feeding on pollen of corn(?) Arrowsmith Ill Aug 1, 82
3280 Insects + eggs found about roots of corn Kings field Nov 14, 82
3281 " " " " " " " " 8, " (Aphodius Lutipes Grav.)
3282 = 3124
3288 Normal Apr 3, 83.
3289 = 6/10
3290 Under newly cut willow logs. Normal Apr 5, 83.
3291 "Black cut-worm" (Tenebrionid?). Denison. Lx, 7:Sp, 83. C. V. Riley
Tipulidæ
3292 From Wheat in
3293
3294 Parasite on leaf roller. Pheonix Nurseries Ill Oct 18. 1882 (Apple leaves)
3295 Funks Grove Ill May 3, 83.
3296 [illegible] (apparently negus) Nursery
From Cuba, Ill.
3298 Silvan
3299 Bibio albipennis, Say? Breeding Cage. Larvae obtained Apr. 15, Pupated before Apr 20. Emerged May 5-7?

3308 Larvae of Scelodonta Taxicornis from T.S. Earle May 9/83

3311 Aphides from leaves of wild Strawberry plants, Ill. May 13, 83.

3313 Leucophilus maculosus infested by mite under wing cover; Mr Peters

3314 Small wheat field badly damaged by Meromyza, Cuba, Ill., May 15, '83.

3315 Rye " " slightly " " " " " " " "

3316 Meadow " " " " "

3318 Canal near L. Pontchartrain, 23 Feb, 1883

3319 L. Pontchartrain, 23 Feb, 83

3320 Swamps near New Orleans

3321 Under bark of dead wood, Cuba, Ill, May 15, '83.

3322 Anarsia lineatella (larvae & plants showing work of) Ill. May 16, '83.

3323 Eggs supposed to be dipterous, from probes of wheat leaves (Hessian fly), Cuba, Ill., May 15, '83.

3324 Hessian fly (Maple) from H.L. Fergusson Alvin Ill 17 May, '83

3325 Earls Old field Anna Ill May 19.83 (Strawberry)

3326 Buntons old field Centralia Ill May 20.83 "

3327 Endicotts + Davidsons fields Villa Ridge May 18. 83 "

3328 Strawberry fields Cobden Ill May 19. 83

3329 Selandria rubi Harris Raspberry fields Anna Ill May 17.

3330 Strawberry fields Anna Ill May 17. 83.

3331 Clisiocampa sylvatica Harr. Villa Ridge May 18. 83.

3332 Robinsons Strawberry field " " " " "

3333 Strawberry fields Centralia Ill " 20 "

3334 S. Ill, May, 1883.

3335 In ground Cobden Ill May 1883.

3336 Wheat fields, Decatur, Ill. May 23, 1883

3337 Aphis n sp from Salix lucida Ill May 24, 83

3338 " mali from Apple " " " "

3339 Myzus cerasi, &c. Cult. Cherry " " " "

3340 Dipterous larvae from seed corn Boardman May 24, '83.

3341 Bloomington Ill May 24. 83 Forbes sweep net

3342 " " " " Sweep net. wheat

3343 McLean Co Ill Spring 1883 Peters.

3347 [illegible]

3348 Cecidomyia larvae from galls on leaves of Negundo, Ml. May 29, '83.

3349 Carabid larva taken while clinging to earth worm. Ml. Apr. 18, '83.

3350 Trichogramma minuta, Riley. From eggs of Papilio ajax Bloomington, July, 1879.

3351 [illegible]

3352 [illegible]

3353 Dipterous larvae from seed corn, field nr. Towanda, May 30, '83.

3354 Corn injured by dipterous larvae " " " " "

3355 [illegible]

3356 [illegible]

3357 Orchestris vittata Cabbage Ml. May 31, '83.

3358 [illegible]

3359 [illegible]

3360 [illegible]

3361 [illegible]

3362 [illegible]

3363 [illegible]

3364 Stalk of winter wheat showing work of borer. Ml. June 2, '83

3365 Anthomyia larvae from seed corn Alta, Peoria C. June 1, '83. (J.C. Wood)

3366 " larva " " " Downs " "

3367 [illegible]

3368 [illegible]

3369 [illegible]

3370 [illegible]

3371 Hessian fly from Dr Chapman Stump grass Del. May 17. 83

3372 Young Hemiptera C.W. Butler Anna Ill June 83.

3373 Food of Hirtobrachicus maculi[illegible]

3374 Plant lice from Buckthorn & Honeysuckle Dunlap Ill June. 12. 83.

3375 Asphyna nitela from corn Ml June 11. 83

3376 Dunlap Ill June 11. 83

3377 Mites from decaying seed corn taken from earth. Lab. June 12, '83.

3378 From breeding cage. Larvae from [illegible]

3379 = 3358 10 [illegible]

3380 Work of Anti(?) corn in field Normal Ill June 12 83

3381 Anthomyia zeae (pupa " " " " "

3382 Case slugs & piece of leaf showing work. Ml. June 13. '83.

3383 Small ants in strawberry (roots) " " " "

3384 Case leaf hopper pupa) " " " "

3385 From Case " " " "

3386 Winged aphis from strawberry leaf Ml June 13. 83.

3387 Leconium acericola Urbana grounds " " "

3388 Aphis maidis (?) Root form on grass root .. 14 "

3389 Graphops pubescens (pupa) Anna Ill. 1883

[illegible]

3390 . Larva of Coccinella quadripes from Mable. Nl. June 15, '83.
3391 . Normal Dll June 15, 83.
3392 Larvae destroying seed corn after being planted Nl June 18, 83 Nicrophorus sp.
3393 . Calosoma calidum Issuing just from eggs laid May 23, Decatur Ill.
3394 Podisus spinosus ♀ yg. potato beetle wh. it had killed. Nl. June 20, '83.
3395 Larvae + pupae from Bowles corn field Nl June 19, 83.
3396 " " " pasture " " " "
3397 Vickroys Strawberry field " " " "
3398 Larvae from Eggs found. in pasture 3396.
3400 Hymenopter taken while attempting to pierce a larva of Oxyia trifasciata Nl
3401 Hyphantria textor and eggs on leaf of Redbud. Nl. Je. 21, '83.
3402 Bred from wheat sent from Du Quoin May 5, 83. (Hessian fly ♀)
3403 Sphinx larva from (willow) Smerinthus geminatus Say. Nl. Je. 21, 83,
3404 Spiders bred from Eggs sent from S. Dll by webster Apr 1883
3405 Pupae of Tachinidae from cells in earth about Strawberry plants 3397
3406 Pupae of Chrysocampa sylvatica from Jonesboro Dll June 20, 83
3407 Anthomyia from 3259 Nl June 21, 83
3408 Larvae & other insects from Univ. pond. Nl. June 22, '83.
3409 Insects from Vickroy's pond. Nl. " " "
3410 Sweepings from grass. " " "
3411 Bark louse " white " " " "
3412 Stalk borer from wheat " " "
3413 Saw fly larvae obtained by sweeping wild strawberry plants. Nl. Je. 2
3414 Larvae of strawberry leaf roller " " "
3415 Plant louse from Chenopodium " " "
3416 Nl June 22, 83.
3417 Lepidoptera obtained by sweeping wild strawberry plants. Nl. Je. 22, '83.
3418 Aquatic Hemiptera new to coll. (taken coupled) Univ. pond, Nl. Je. 22, '83.
3419 Wheat infested by Sylvanus Recd from N.Y. Crow, June 21, 83
3420 Plant lice on fuller thistle 3416
3421 Pupae in blackened parts of leaves of Solidago . Nl. June 22, 83,
3422 Tortrix fumosa (?) bred from leaf of Elm Nl June 15, 83
3423 Bred from bot containing Kernel of corn eaten by Diptera larva 82
3424 Larva of Carabid (Calosoma ?) 3416
3425 ~~Anaptychus~~ Sebodactylus pubescens - 3202 ~~State~~ ??
3426 Young chinch bugs from about young corn Nl June 23, 83
3427 Old " " copulating " " " " "
3428 Hymenopter from chrysalid in fold of strawberry leaf. Nl. Je. 24, '83,
3429 Heliothis armigera eating hard corn Bl 17 & Sl
3430 Puparium of Ephydra from Pond Univ grounds Nl June 25, 83
3431 Larvae of Chironomidae " " " " " "
3432 Larvae " " " " " "

433 Principally Coleopterous larvae from Pond Run grounds Jl June 25.83
434 Neuropterous larvae & pupae " " " " " " "
435 Hemipterous " " " " " " " "
436 Lycanidae " (?) " " " " " " " "
437 Dipterous pupae " " " " " " " "
438 Young Hemiptera from underside of leaves Augustines nursery June 26.83
439 Plant lice dont know the tree " " " " "
440 Leaf roller on apple " " " " "
441 Eggs and newly hatched larvae on willow leaf Normal " 27 "
442 Taken with sweep net Jl June 27.83.
443 From leaves of Pine Run grounds Jl June 28.83
444 Larvae from leaves of soft maple (causes them to curl up) Jl Je 29.83
445 " " " " willow " " 30 "
446 Adult from 3259 appeared June 24.83
447 " " " " " 29.
448 Larvae of Colaspis from roots of strawberry plant. Anna, Je 28,'83. T.S.E.
3449 Larvae " Codling moth from apples. Godfrey, June 28,'83
3450 Larvae " Apple curculio " " " "
3451 Crab apples and insects found upon them. Warsaw, Je. 27,'83
3452 Warsaw June 26-27,'83.
3453 Insects from apple trees & apples. A.C. Hammond's place, Warsaw Je. 26,'83.
3454 Pieces of apples showing work of curculios " " " " " " "
3455 Wire worms from roots of wheat. Godfrey, Ill. June 28,'83.
3456 Aphidae from clinton grape vine " " " " "
3457 Phylloxera, clinton grape vine. " " " " "
3458 Proceris americana (larvae) from Grape " " " " "
3459 Sweepings from wheat. Warsaw, Ill., June 25,'83,
3460 Curculio from Plum. A.C. Hammond's place. Warsaw June 25,'83.
3461 Meromyza americana? (2d brood) Within stem of wheat at base of upper internode. Warsaw Je. 25,'83.
3462 Strawberry leaf roller bred from leaves. 3397. Jl July 2.83 (Phoxopteris comptana)
3463 Insects from dead limb of apple tree. Godfrey, Ill., Je. 29,'83.
3464 Piece of plum showing work of curculio also larva & imago of curculio, Godfrey, Je. 29,'83.
3465 Hyphantria textor (larvae) from Pear. " " " "
3466 Sphinx larva " Grape " " " "
3467 Podura " " " "
3468 Eggs of Coscinoptera dominicana on leaf of Bt alder Jl July 2.83
3469 Leaves of Pear with galls of Phytoptes pyri. A.C. Hammond's place. Warsaw, Je. 26,'83.
3470 " " Rhus toxicodendron. with Phytoptes galls Quincy, Ill. June, 1883 Chas. Hart.
3471 " " ~~Thorn~~ Wild crab with galls of Phytoptes Quincy, June'83. "Dried ap
3472 Hessian fly Godfrey Ill. June 29,'83 (Breeding cage)
3473 Apples containing larvae of Codling moth. Godfrey Ill. June 29,'83. "
3474 Plums " " " Curculio " " " " " "
3475 Selandria cerasi. Jl. July 3, 83 (from cherry.)
3476 Macrodactylus subspinosus. feeding on young corn Elgin Ill June 1883

3477 Silandria cerasi, Rech. from Pear. Nl. July 3, '83.
3478 Normal Dll July 1st to 10th, 1883 Destroyed by pests (1904)
3479 [illegible]
3480 From about roots of corn Davis Section July 3, 83
3481 On Evening primrose Nassau Dll June 26. 83
3482 Eggs of Mononiga americana on white pine Nassau Dll June 26.
3483 Sweeping clover field " " " "
3484 Lansing Dll June 83 (Chas Hart.
3485 Wireworms from cornfield near Princ. Ill, 83.
3486 From abt roots corn, near Milan, Ill., 30 Jc, 83
3487 Geneva, Ill., 28 Jc, 83.
3488 From vineyards, 3486. (3487?)
3487 Aphis maidis, Monmouth, Ill., ~~30~~ 29 Jc, '83.
3490 Colaspis flavicla, Earle, June 29. '83 (In letter)
3491 Larva of Paria? Lansing, Mich., 25 Jc. 83 (C. M. Weed)
3492 Chironomus larvae, B. W. Thomas, from L. Mich., Jc. '83
3493 Aphidae from willow Nl July 4, 83.
3494 Tenthredo ventralis pupae " " 5 "
3495 " " larvae " " " " "
3496 Woods south of Bloomington " 6 "
3497 Chrys of Vanessa antiopa. Breeding cage Nl July 5. 83
3498 Apple leaf Skeletonizer Anguisticus nursery Nl July 10. 83
3499 From Earth sent in by Garman from Earls yg field Emma July 9.
3500 Larvae of Diabrotica longicornis from roots of corn Davis Section Nl " 11. 8
3501 Bred from Larvae of Crypia bicuspidata Nl July 14. 83.
3502 Bark louse on Elm Normal Dll July 14. 83.
3503 Tenthredo ventralis, breeding cage (3494-3495) " " 83.
3504 Bred from Larva feeding on leaves of apple
3505 Appeared in cage where Strawberry leaf roller had entered Jul 14.
3506 [illegible]
3507 [illegible]
3508 [illegible]
3509 Dwight Dll July 18. 83
3510 Joliet " " 19 "
3511 Morris " " " 20 "
3512 Ottawa " " 20 ~ 21
3513 Aurora " " 22
3514 Naperville " " 23
3515 Sandwich " " 24
3516 Naperville " " 25
3517 Rochelle " " 27
3518 Franklin Grove July 28.
3519 Dixon Dll " 29 ~ 30
3520 Rock Island " 31 ~ Aug 1
3521 Elmira " Aug 2 ~ 3 Too much rain

3522 Toulon Ill Aug 4. 83
3523 Aphides on leaf of Oak (3520)
3524 " " Thistle (3521)
3525 " " Sumac (3519)
3526 Phalangidae infested by Trombidium ? (3520)
3527 Larva of Hemerobius sp.? (3520)
3528 " " Datana ministra Ml Aug 6, 83
3529 Aphids on Mountain Ash Ml Aug 7. 83
3530 " " Wild plum " " " "
3531 Normal Ill August 1883
3532 Larva of Datana ministra, died of "Flacherie", 7 aug., 1883. [from 3606]
3533 Pemphilia Hammondi from B.C. 3572
3534 Bacteria from blood of 3532, 4 or 5 hours after death.
3535 Bacteria from droplet of fluid at vent of larva of Datana minis. [Extra sick with "Flacherie" 7 aug., 1883]
3536 Moth from 3657 Aug 8, 83 Phoxopteris comptana, Frol.
3537 Larvae from Elm (Gastons) Aug 8. 83
3538 " " " " " " " " S - d - -
3539
3540 Dead Carey Larva from Ash-bids drought Ml July 18, 83.
3541 Elm Cm (Gastons) please! branches only Aug 4, 83 B.C.
3542 Hy - - - - - - - -
3543 " " " " " " " " Under bark
3544
3545
3546 "
3547 "
3548 " " " " "
3549 " " " " " " on stalk of
3550 " " " " " "
3551 "
3552 " " " " " " Larva of Ichneumon nest of this in manduca
3553 " " " " " " roots + stalk of Sorghum injured
3554 Blood of Datana ministra (3606 / ~~3574~~) very sick, but not yet dead. 11 Au., 83.
3555 Intestine of " " " "
3556 Intestinal contents of dead larva from 3574. 11 Au., '83.
3557 Paper taken from web of Hyphantria Cunea Aug 13. 83 F.
3558 "
3559
3560 Larvae of Ich bicinct found on trees affected by maple blk louse Ml June 13, 83
3561 Mites on leaves of Phlox from Burrill Champaign July 13. 83

3566 Strawberry leaf-roller, Anna, Ill., July 9, 1883. Garman
3567 Hymenopterous parasites, Hatched 16 July from 3566
3568 [illegible] from 3566. Pin.
3569. Vanessa Antiopa hatched July 16, 17 & 18 from breeding-cage. Wrap.
3570. Pro Nematus ventricosus (feeding on willow) hatched July 17 from 3571. Pin.
3571. Larvæ of sawfly, Nematus ventricosus feeding on willow. Normal July. B.C.
3572. Larvæ on apple-leaves (skeletonizers) from Augustinus Nursery, Normal. B.C.
First pupa noticed July 17. Pempelia hammondi
3573. Eggs of Forest tent caterpillar. Anna Ill. July 7. Villa Ridge July 11. B.C.
3574. Larvæ feeding on onion leaves, from Champaign July 6. B.C.
3575. White grubs from strawberry plants. Anna July 17. 83. Garman.
3576. Parasitized pupæ of Forest caterpillar & a few eggs of same Anna July 17. 83. Garman. B.C.
3577. Ceramica picta, Larvæ. Mendota, Ills. On cabbage. July 15. 83. B.C.
3578. Caterpillars on apple-leaves. Dwight. Ill. July 19. Webster B.C.
3579. Eacles imperialis Dr. ♀. Normal Ill. July 19. Forbes.
3580. Larvæ, infesting wheat. Dupuoin July 5. Garman.
3581 Larvæ of Graphops pubescens, Mels.
3582 " " " Colaspis brunnea, Fab.
3583 Two hymenopterous parasites from 3566 July 21. In alcohol.
3584. Two hemipterous larvæ, Hacking observed attacking 3572. In alcohol
3585. Galls on leaves of Hickory. Morris July 19. Webster. In alcohol
3586 Cynipid larva, Onion Ill., 12 Jl., '83. (Bred) B.C.
3587 Hemipterous eggs from apple leaf, Villa Ridge, 11 Jl., 83 B.C.
3588 Larva of Hispa? Lawrence, Ks., 6 Jl., '83 (Brackett)
3589. Larvæ of Hyponyxa americana, infesting wheat. Warsaw. Ill. June 26. '83. B.C.
3590. Hymenopterous parasite from 3589. July. 23. '83.
3591. Lepidopterous larvæ, feeding on osage orange. Normal 14. 83. B.C. Hyphantria textor
3592. Hymenopterous parasite from 3591 and their pupæ. July 23. Left in cage from earlier lot? Alcoholic specm.
3593 Larvæ & pupæ of strawberry root worms, Coloburus, Ill., 20 Jl., '83
3594. Caterpillar feeding on willow. July 19. 83. Yorris. Ill. Webst. Changed to pupa July 27.
3595 Larvæ at [illegible] at night 2 Jl. Warsaw Ill. [illegible]
3596 Larvæ at tied to wharf at night [illegible] Warsaw [illegible]
[illegible] by C. Hart. Quincy Ill. 83.
3597. Two larvæ of Euptoieta claudia. Cram. Morris Ill. July 19. Webster. B.C. feeding on willow
3599. Larva from 3598. Alcoholic specm. July 24.
3606. Pupa from 3598. Alcoholic specm. July 24.
3601. Larva of [illegible] Yorris July 19. Webster. B.C. Apatela lepusculina
3602 Unknown larva feeding on willow. Morris July 19. Webster. B.C. = 3591.
3603. Flies hatched from 3473. July 23. 83. Alcoholic specm.
3604 Unknown eggs on apple-leaves. Anna Ill. July 7. Garman. B.C.
3605. Unknown larvæ of between curled leaves of unknown woodplant. Morris Ill. July 19. Webst. B.C.

3606. Larva of Datana ministra (Drury) Waterman Ill. July 23. Webster. Feeding on apple-leaves B.C.
3607. Smaller specimens of 3606. July 24. Alcoh. spms.
3608. Larger specimens from 3606. July 24. Alcoh. spms.
3609 Aphis maidis, Sorghum leaves, Champaign Ill. 23 July.
3610. Gr. g. plant louse, mav Chaitophorus, (as above
3611. Hymenopterous parasite from 3572. July 24. Alcoh. spm.
3612. Egg-shells & one young (heteropterous) from 3587. July 23. In alcohol.
3613 Larvæ of Sylvelinna fragariæ. Zoe. 35 93. B. C.
3614. A second lot of flies from the rotten apples of 3473. In alcohol. July 25. '83.
3615 Two pupæ and one pupa-shell (Vanessa Antiopa) from lot 3569. July 25 '83. Alcohol.
3616. Two larvæ of Vanessa Antiopa from Beaver, Iroquois Co. Ill. June '83.
3617 Two moths of strawberry leaf-roller ~~& 2 smaller moths~~ from 3566. ~~July~~ 24. '83. Pin.
3618. Two minute moths from 3566. July 24. '83. Pin. Ploy. 2nd Plane = 2174 ~~+ 2174~~ ~~2174~~
3619. Unknown pupa on dry maple-leaf found in box containing 3403 July 25 '83. B. C.
3620. Strawberry root-worms. Lansing. Mich. July '83. B. C.
3621. Specimens from 3620. July 26. In alcohol & glyc.
3622. One specm. of 3591, changing into the pupa-state. July 26 83. Hyphantria textor In alcohol & glyc.
3623. Larva of Apatela ~~obliqua~~ sp? feeding on Birch. Normal July 27 '83. B. C. A. americana
3624 In + about roots of corn. Normal, 26 Jl., '83.
3625. Small moth from caterpillar feeding on willow, put in B. C. July 4 (Normal), Chrys July 9, hatched July 26. Pin. Eupithecia miserulata, Grote.
3626. Full-grown caterpillars from 3591. 28 July. 83. In alcohol & glyc. Hyphantria textor.
3627 Caterpillar on willow Waterman Ill. July 27. 83. When arrived at Normal July 28 it had transformed into pupa. B. C. (Webster)
3628. A cocoon apparently ~~of spe~~ containing spiders' eggs. Waterman July 26. Webster. B. C. Dried up
3629 ~~Caterpillar of some species of Dryopteris, feeding on willow. Waterman 26/7 83. Webst. B. C.~~ Dried see 3684
3630. Caterpillar of some species of Arctia, feeding on corn-leaves. Waterman 24/7 '83. Webster. B. C.
3631 Flies from 3473. July 27. '83. Rodgers, Ill. From apples
3632 Larva of Paria aterrima 3620.
3633. Caterpillars feeding on osage orange. Normal July 12. '83. B. C.
3634. Aphidæ on strawberry-plants. Grove near Normal June 22. '83. B. C. No record
3635 Aphidæ Beetle (Graphops pubescens) on strawberry plants. (Normal June 22. '83. B. C.
3636. From the earth of one of the flower-pots of 3635. In alcohol & glyc.
3637. Morris Ill. July 19 '83. Webster. [F. M. Webster].
3638. Ottawa Ill. July 20 '83. Webster. [" " "]
3639 On apple-tree. Granville Ill. July 1 '83. Alcohol.
3640 From roots of corn Normal July 27. Forbes. Alcohol.
3641 Caterpillars of some species of Arctia. Normal July 28. B. C.
3642 By sweeping. Waterman July 27. '83. Webster. Sp. No. 9666.
3643 Caterpillar Larvæ of Hemileuca maja Dr. Rochelle Ill. July 27 '83. Webster. B. C.
3644. Caterpillars feeding on cherry (wild) Franklins Grove Ill. July 28 '83. Webster. B. C.

3645. Root-lice on root of grass in corn-fields. Rockell. Ill. July 27 '83. Webster. B.C.
3646. Caterpillar from 3641. Aug. 1 '83. Alcohol & glyc.
3647. Caterpillars of some species of Arctia feeding on Milk Weed. Normal July 30 '83. B.C.
3648. Caterpillar from 3647. Aug. 1 '83. Alcohol & glyc.
3649 Aphis maidis. Ripe leaves of Sorghum, Champaign Ill., 31 Jl.
3650 Sorghum plant lice. Tower " " " " " "
3651 Parasites on Aphis maidis, " " " " "
3652 Plant lice, Leaves of Broom corn, Champaign, 31 Jl. 83.
3653 Plant lice Roots of Sorghum, " "
3654 Diabrotica larva, Roots of Sorghum, " "
3655. Caterpillar from 3574. Aug 2 '83. Alcohol & glyc. Epicauma virginica
3656. Larvæ and pupæ of strawberry leaf-roller. From Earles young strawberry field Anna 31/7/83. B.C.
3657 Larvæ & pupæ of Raspberry leaf-folder & miner, Phanopteris fumptana, Anna Aug 1. '83. Garman B.C.
3658. Insects & eggs from young oak. Anna Ill. July 31 '83. Garman. B.C.
3659. Strawberry leaves, showing work of small green larva of grasshopper. — Earles field. Anna Ill. July 31. '83. Garman. Dressera Cyrtophiora campingeria.
3660. Phalonidæ-larvæ. Earles old strawberry-field. Anna. Aug 1 '83. Garman. xL
3661. Pupa on Apocinum. Anna Aug 1. '83. Garman. B.C. Sericoris rivicontana Grote (= niveicostana)
3662 Xenos, sp., from Polistes variabilis, Ill., 3 Au., 83.
3663. Females & young of Dorthesia sp.
3664. Larvæ of a species of Coccinellidæ, feeding upon Dorthesia
3665. Ant (♀) from sidewalk in Normal. Aug 2 '83. Alcohol. Forbes.
3666 Larva of strawberry-leafroller from 3656. Aug 3 '83. Alcohol & glyc. Shows appendages on head
3667. Winged and wingless individuals of Aphis apocyni. Koch. Normal Aug 3 '83. H.A.P. Alcohol
3668. Full grown caterpillars of Datana ministra (Dr.) from 3606. Aug 3 '83. Alcohol & glyc.
3669. Larvæ and pupæ of Paria (?). Goodrichs old strawberry-field. Cobden. Ill. Aug. 1. 83. Garman. B.C.
3670. Moth (♂) from 3594. Hatched Aug 3. '83. Pin.
3671. Leaf roller from Sassafras. Anna. July 31 '83. Garman. Alcohol.
3672. Tylodema bagaris from within stems. Goodrichs old field Cobden. Aug 1 '83. Alcohol. Garman.
3673. Trophops imbecilens. Goodrich's old field, Cobden Aug 1 '83. Alcohol. Garman.
3674. Calaspis brunnea. Goodrichs old field. Cobden. Aug. 1 '83. Alcohol. Garman.
3675. Paria. Larvæ pupæ & immat. imagines. Goodrich's old strawberry-field Cobden Aug
3676. From stem of strawberry plants injured by Tylodema. Goodrichs old field. Cobden.
3677. Misc. insects from about roots of strawberry plants. Goodrich's old field Cobden. Aug 1 '83.
3678 Micrococcus, blood of larva of Datana ministra (3666), died in night.
3679 Part of intestinal contents of above larva (3678).
3680 Larvæ found on leaves of oak in mass of cocoons Elmira Aug 30
3681. Sweeping. Earlis old strawberry-field in orchard. Anna Ill. July 31 '83. Garman. Diastia subflexiana
3682 Earle's Raspberry-field Anna. Ill. ~~July~~ Aug. 1 '83. Garman.
3683 Bombyx mori. Bred from cocoons eggs from Smyrna Asia
3684 Cerura borealis Harv = 3629

3685. 1 Normal Aug. 7 '83.
3686 Apples from A.C. Hammond Warsaw Ill July 28.83 — B.C.
3687 Wheat stubble infested by Hessian fly Red from DuQuoin Aug 7.83 B.C.
3688 Empis alis from cocoon found in bot of Apples 3686 Carpocapsa pomonella, L. B.C.
3689 Parasitized Aphidae on grape Nl Aug 7. 83 B.C.
3690 Bred from peaches sent in by Garman Rec July 16.83 Drosophila ampelophila, Loew.
3691 " " Apple leaves B.C.
3692 from B.C. 3473 Drosophila ampelophila, Loew
3693 Leaf Rollers: bred from B.C. 3572 Aug 8.83 Teras malivorana, Le B.
3694 " " " " " " " " "
3695. Anna Ill. Aug. 4. '83. Garman. ~~Teras malivorana LeB~~
3696. Anna Ill. Aug. 5 '83. Garman.
3697 Caterpillar found on young apple tree with bugs sucking its juices. Centralia Aug. 7. '83.
3698 Sweepings: Wheat stubble. DuQuoin, Aug. 6, '83.
3699 Sweepings. Strawberry plants on Bruntin's farm. Centralia Aug. 7, '83.
3700 Tylodema fragariae (larvae & work) " " " "
3701 Saw-fly larva from Dogwood. DuQuoin July 6. '83.
3702 Pupae of Bibio albipennis (bred) Nl. Apr. 20, '83.
3703 Tylodema fragariae. Larvae, pupae & imagines: Webster's place Centralia, Aug. 7. '83.
3704 Apple Aphis from yg. trees in Webster's nursery Centralia, Aug. 7. '83.
3705. Centralia Ill. Aug. 7 '83. Garman.
3706 Tettigonidae. Young apple trees. Webster's nursery. Centralia Aug. 7. '83.
3707 Miscellaneous Hemiptera " " " " " " " "
3708 Miscellaneous insects " " " " " " " "
3709 Leaf rollers. Larvae & pupae. From strawberry plants in E. Conditt's place Centralia, Aug. 7. '83.
3710 Misc. Strawberry insects. Bruntin's field " " " "
3711 Insects from small cave at Anna. Aug. 5, 1883.
3712 Scolopendrella & poduranus from under stones in mouth of small cave. Anna, Aug. 5, '83.
3713 Insects from under stones near mouth of small cave " " " "
3714 Flea weevil & Hemiptera Ill L. [illegible] DuQuoin Ill [illegible] RL
3715 Straw Teras malivorana, Le B.
3716 " "
3717 " "
3718 Pupa Under stone at mouth of small cave. Anna, Ill. Aug. 5, 1883. H.G.
3719 Insects from corn " " " " "
3720 Strawberry insects from Goodrich's old field Cobden " " " "
3721 Wheat ~~Fruit~~ Straw worm. Larvae, pupae & imago. DuQuoin Aug. 6. '83. G.
3722 Bluff on Ohio R., Cave in Rock, Ill, July 27, 1883, H. Garman. Pinned.
3723 Larvae of Chrysomela juncta? found on Solanum carolinense. Cave in Rock July 27, '83.
3724 Grapes showing work of Curculio. Villa Ridge, July 11, 1883.
3725 Early Blackberry field. Anna, Aug. 1, 1883.
3726 Anna, Ill, Aug. 2, 3, 4, 1883 Pinned
3727 Running Lake, Ill, July 15, 1883.

3728 Anna, Ill, July 17, 1883.
3729 Sweepings from wheat stubble (in yg. clover) infested with Hessfly. Anna, Aug. 2. '83.
3730 Case fly larvae & cases from under stones in small stream " " " "
3731 White grub. Earle's yg. strawberry field. Anna, Ill, July 3. 1883.
3732 Sweepings from wheat stubble DeLuoin July 5. 1883. 1st field.
3733 " " " " " " " " 2d field.
3734 " " " " " " " " 3d field.
3735 From Grape. J. B. Miller's place Anna, July 8, 1883.
3736 Apple aphis. Orchard on Earle's place. Anna, July 6, 1883.
3737 Phyllopera from Grape on Endicott farm. Villa Ridge, July 10, '83.
3738 From decaying log. Anna, July 7, '83.
3739 ~~Fruit~~ Grain worm of Wheat DeLuoin, July 5, 1883. S.
3740 Eggs of Forest Caterpillar from twigs of apple tree. Anna, July 6. '83.
3741 Anna, Ill, July 12, 1883 Pinned
3742 Strawberry insects. Anna, July 8, '83.
3743 Galls on leaves of Hard Maple. Anna July 12, '83.
3744 Phyloptus galls on leaves of Button bush Anna, July 12, '83.
3745 Plant louse from wld. blackberry Anna, July 18, '83.
3746 Strawberry leaf roller (larvae & 1 pupa) Earle's yg. field. Anna, July 31. '83.
3747 Larvae of Cotunibra. Musk & Rabbit, Carlinton Ill. & An,
3748 Insects from Earle's yg. strawberry field. Anna July 18, '83.
3749 " " " " " " " " 31 "
3750 " " under bark of living Sycamore tree. Cave in Rock, July 28, '8
3751 Sweepings from yg. strawberry field at Anna. Aug. 2. '83.
3752 " " Goodrich's old strawberry fld. Cobden. Aug. 1, '83.
3753 Grape leaf roller from wild grape Anna, July 31, '83.
3754 From dead hickory twig. " " 17 "
3755 Cave in Rock, July 28, '83.
3756 Hymenoptera which make cells about 6 inches deep in clay banks with contents of one cell Cave in Rock, July 28, '8
3757 Raspberry leaf roller. Earle's place, Anna July 31, '83.
3758 Miscellaneous insects from Earle's raspberry field. Anna, Aug. 1. '83.
3759 Insects from musk melon vines. Anna, Aug. 2. '83.
3760 Paria aterrima from earth & on leaves of strawberry field on Goodrich's place, Cobden, Aug.
3761 Sweepings from one of Earle's yg. strawberry fields. Anna, Aug. 2. '83.
3762 Grasshopper from " " " old " " " " July 31, "
3763 Basket worms from Red Cedar " " 7, "
3764 Miscellaneous insects from wheat. DeLuoin, July 5, 1883.
3765 " " " " Villa Ridge " 11, "
3766 ~~Fruit~~ Grain worm of Wheat. Anna, July 9, '83.
3767 Larva injuring morning glory " " " "
3768 Sweepings from Earle's old strawberry field. Anna, July 7, 1883.
3768 Grape insects " " 9, "
3769 Villa Ridge, July 11, '83.

3770. Anomala varians ♂ & ♀. Eades old strawberry field. Anna, July 7, 1883
3771. Peach Curculio. Villa Ridge, July 11, 1883.
3772 DeQuoin, July 5, 1883.
3773 Anna, Ill., July 9, 1883.
3774 Brachytyles aculeus ♂ & ♀ taken in copula DeQuoin, July 5, 1883. On Persimmon
3775 Miscellaneous insects from Persimmon " " " "
3776 From leaves of Black Gum. Anna, July 7, '83.
3777 Sweepings from Miller's strawberry field Anna, July 7, '83.
3778 From Grape on Mr. E. R. Jinnette's place " " 9, '83.
3779 Tyloderma fragariae (adult) J. B. Miller's place " " " ".
3780 Colaspis brunnea (pupae & adults) Eades yg. strawberry field. Anna, July 9, '83.
3781 Tyloderma larvae & 1 pupa. Endicott's old field. Villa Ridge " 11 "
3782 Plant louse from Wild Grape. Villa Ridge; July 11, '83.
3783 " " " Cult. " " " " " " "
3784 Galls and an Eriosoma (?) from Wild Grape. Villa Ridge July 12, '83.
3785 Hymenopterous pupae from leaf of Sycamore. Anna, Aug. 2. '83.
3786 Insects &c. from under stones in small stream from spring " " " "
3787 Larva from Sycamore Villa Ridge, July 11, '83.
3788 Leaf roller from Blackberry Anna, Aug. 1, '83.
3789 S. Ill, Aug. 1883.
3790 Anna Ill. July 22. 83. From flowers of Virginia creeper.
3791. Anna Ill. July 22. 83.
3792 Plant louse from Sorghum Ill. Aug. 13. '83.
3793 Leaf roller from Red bud " " " "
3794. Caterpillar of a species of the Noctuidae, found bored in deep in a corn-stalk in a garden in Normal Aug. 14 '83. In alcohol & glyc. (2 to 1).
3795 Datana larvae from Black Walnut in Univ. grounds Ill. Aug. 14. '83. See 3863
3796 Plant lice from large gall on leaves of Sumach Anna, Ill, Aug. 2, 1883
3797. From 3591. Aug 14. '83. Hyphantria textor
3798. Anderson Branch Clear Cr. nr. Bluff L. July 20 '83. Garman.
3799. Cobden July 20 '83. By sweeping. Garman.
3800. Cocoons of Chalcididae. Pekin Ills. Aug. 14 '83. Webster. B. C.
3801. Pekin Ill. Aug. 14 '83.
3802 From ~~3602~~ 3647 Aug. 17, 83. In alc.
3803 Chrysopa larva taken with jaws in larva of Datana of Walnut. Ill. Aug. 17, 83.
3804 Moths from 3641, pinned. Hatched - Aug. 17, '83.
3805 Bug found in cage 3644. In alcohol. Aug. 17, '83
3806 Insects found in 3687 Aug. 17, '83.
3807 Larvae of Datana, Pekin Aug. 16, '83. Apple.
3808 Hatched from 3761, Aug. 17. '83. In alcohol.
3809. Hatched from 3473, Aug. 17, '83. In alcohol. Larva, Apple
3810. Moths hatched from 3656. Aug. 17, '83 pinned.
3811. Found in 3656. Aug. 17, '83. in alcohol.

3813. Moth hatched from 3657, Aug. 17, '83. pinned.

3813a [illegible] B.C. Dead

3813b Moth hatched from 3688 Aug 17. 83 Carpocapsa pomonella, L.

3814 Plant lice on leaf of grass Pekin Ill Aug 14. 83

3815 " " " " " wild crab apple Pekin Ill Aug 14. 83

3816 Taken with sweep net in woods " " " " "

3817 Larva of Dorytomus junctus. woods " " " " "

3818 Under debris along Ill river below Pekin " " " 15 "
and bark of trees

3819 Bayou below Pekin Ill " " " " "

3820 Plant lice on weeds in woods " " " " "

3821 Under boards &c " " " " "

3822 Havana Ill Aug 16. 83

3823 " " " " " Sandy bluff below city sweeping grass &c

3824 " " " " " Ill River bottoms opposite city

3825 " " " " " Bayou above city

3826 " " " " " " " Crustaceans.

3827 " " " " " " " " Phryganeidae larvae.

3828 " " " " " " " " Pupa of Ephemeridae

3829 Mason City Ill Aug 17, 83

3830 Along N. St L. & P. R. R. Pekin Ill Aug 14. 83

3831 Larvae, pupae & adult of Hymenopterous insect under bark of log 3824

3832 Moths from 3716, Appeared Aug 20. 83 Teras malivorana, Lieb.

3833 Oyster-shell bark lice & Chionaspis bivalvensis from apple trees. Grassy Ridge, McLean Co, Aug. 19, 83. T.W.

3834 Moth from 3660 appeared Aug 20, 83

3835 " " 3656 " " " " ?

3836 Adult Hymenoptera from 3557 Aug 20. 83

3837 " " " 3800 " 19 "

3838 Hemiptera ♂♀ on Sassafras Anna Ill July 31. 83

3839 Bluff Lake Ill July 20. 83

3840 Parasites from 3441 Appeared ?

3841 Specimens taken from 3769 Aug 20. 83

3842 Bombycid larva from willow Nl Aug 20. 83 B.C.

3843 Moth from 3661 appeared Aug 21. 83 Sericoris niveicostana

3844 " " 3660 " " 22. 83

3845 Eggs of Neuroptera from ♀ which came in Lab at night Aug 22 83

3846 Larva from 3630

3847 Lotus stems & flowers with Lep larvae Reed from Quinsey Aug 23 B.C.

3848 Specimen of larva in vial

3849 Aphis on leaves of Apple Nl Aug 24. 83

3860 From 3669 Aug 24. 83

3851 Moth from 3687 Aug 24. 83 Paedisca strenuana Walker.

3852 Larva of Regal Walnut Moth. Nl. Aug 27, '83. B.C.

3853 " from 3813a Aug 28. 83

3855 Lycoplectes [illegible] Colony 27. 8.

3856 Plant [illegible] 3645 Aug 25. 83

3857 Blastophaga [illegible] Aug 25. 83

3858 a Infusion of apple leaves not infected nor sterilized; b infusion of same, sterilized, then infected from al. canal of dead Datana ministra larva; c check on b. Aug. 9, 1883

3859 d Infusion of beef, sterilized, then infected from al. canal of dead Datana ministra larva; e check on d Aug. 14, '83.

3860 f Inf. blue joint grass, sterilized, then infected from al. canal of dead Datana min. larv.; g check on f; h infusion of same, not sterilized nor infected. Prepared Aug. 14, '83.

3861 i Inf. apple leaves, sterilized, then infected from al. can. of dead Datana min larva; j check on i; k infusion of apple leaves not sterilized nor infected. Prepared Aug. 14, 1883.

3862 7 larvae of Datana from walnut placed with disease Datana ministra larvae in 3606. Aug. 14, '83. B.C.

3863 " " " " " " " " in cage 3795 in nth end Lab. as check on 3862 " " "

3864 Colony of 21 Datana larvae on walnut tree in grounds treated with inf. of walnut leaves Aug. 14, '83.

3865 " " 20 " " " " " " " " " " distilled water " " "

3866 10 yellow-necked Datana larvae placed in cage 3606 with disease larvae Aug. 17, '83. B.C.

3867 " " " " " " " " " 3795 in nth end Datana contracta. Wisk. B.C. of room as check on 3866. Aug. 17, 83.

3868 " " " " " " " " " in south end of room & fed leaves brushed with apple-leaf infusion prepared Aug. 18, '83. Aug. 21, '83.

3869 10 Datana larvae placed in cage in nth. end of Lab. as check on 3868 & given leaves brushed with distilled water. Aug. 21, '83.

3870 10 Datana larvae placed in cage in south end Lab. & fed leaves brushed with beef infusion from 3869, d. Aug. 21, '83.

3871 10 Datana larvae placed in cage in nth. end Lab. as check on 3870 & fed leaves brushed with distilled water. Aug. 21, '83.

3872 Infusion of apple leaves prepared Aug. 18, '83 Used in brushing leaves fed 3868

3873 Slide prepared Aug. 15, '83 Fluid from al. canal larva of Hyphantria textor. dead after eating leaves brushed with birch-leaf infusion

3874 Slide. Fluid from al. can. dead larva Datana of lot 3870.

3875 Infusion of apple leaves prepared Aug. 18, '83. Aug. 24, '83.

3876 Infusion of birch leaves prepared Aug. 15, '83. Aug. 24, '83.

3877 Bombyx punctiscuma from B.C. 3635 Aug 30, 83

3878 Datana larva of walnut from lot 3863. Died Aug. 30, '83. Slide of fluid from al. canal.

3879 " " " " " " " " " " " " " " " blood.

3880 Datana larva of lot 3606 died Aug. 21, slide of blood.

3881 Fluid from al. canal of Datana wh. died betw 2 & 5 o'clock P.M. Aug. 30, '83 from lot 3870

3882 Larvae from eggs found on Linden. Nl Aug 30, 83 BC

3883 Four Datana larvae from Apple, each placed in a tin box Aug. 28, '83 and given a piece of apple leaf about one inch square on wh. fluid containing yeast plant from 3860, if had been brushed.

3884 Slides of fluid from one of the larvae of 3883. Killed for examination Aug. 31, '83.

3885 Slides of fluid from larva of lot 3870 Killed for ex. Aug. 29, '83.

3886 Slides of fluid from larva of lot 3870. Died Aug. 25, '83.

3887 Aphid from twigs of cult. willow. Nl. Aug. 31. '83.

3888 Swamp east D.G.R.R. [illegible] Aug 31

3889 Slides of fluid from larva of lot 3883 killed for ex. Aug. 31, '83.

3890 Four Datana larvae of apple each placed in tin box seperately Sep. 1, '83 and given a bit of leaf about one inch square marked with 3860, f.

3891 Normal Ill Sept 1883

3892 Datana of walnut Aug. 14, 1883

3893 Slides of fluid from sick larva from 3892 Sep. 3. '83

3894 " " " " " " " " " " "

3896 Slides of fluid from sick larva from 3892. Sep. 3. '83.

3897 Blood + alimentary contents of dead Datana larva, 3871, 4 S., 83.

3898 Galls of Phylloptus from Salix cordata. Nl. Sep. 1, 1883.

3900 " " " " " from sugar maple

3901 Slide of fluid from larva dead of disease caused by bacteria. From 3892. Sep. 5, '83

3902 Slides of fluid from larva of 3890. Dead. Sep. 5, '83.

3903 Flask of sterilized beef infusion

3904 Slides of fluid from walnut Datana larva from 3863 Sep. 4, '83 (dead)

3905 Flask of beef infusion infected from 3904 Sep. 4, '83.

3906 Slide from 3905 Sep. 5, '83.

3907 Beef infusion infected with bit of gum containing Micrococcus of Chinch Bug. Sep. 5, '83.

3908 Check on 3905.

3909 Beef infusion from 3903 infected with fluid from sick larva of 3869. Sep. 6. '83

3910 " " " " not infected Check on 3909. " " "

3911 Beef infusion from 3903 infected with fluid from sick larva of 3892 " " "

3912 Beef infusion from 3903 " " " " well larva of 3870 " " "

3913 Webster's strawberry field Centralia Ill Sept. 6/83 Lot B.C.

3914 Leaf skeletonizer from Webster's nursery Centralia Sept. 6/83

3915 Infested with Bleptterous & dipterous larvae. Webster's Orchard Centralia Sept. 6/83

3916 Sweepings from wheat stubble, infested by "fly": Centralia 6 "

3917 From whidt stubble " " "

3918 Gelatine culture material made according to Klein's recipe, but of Price's gelatine. Sep. 8.

3919 Stock flask beef inf. prepared Sep. 7, '83.

3920 Slides. stocked from 3905, gelatine from 3918; prepared Sep. 8, '83.

3921 Beef inf from 3919 infected with fld. from dead larv. from 3867. Sep. 8, '83.

3922 " " " " not infected. Check on 3921. " " "

3923 Beef infusion from 3919, infected like 3907 " " "

3924 Culture cells, gelatine from 3918, infected from fluid of larva from 3867 " " "

3925 Schizoneura lanigera? from Apple Nl. Sep. 10, '83.

3926 Beef inf. from 3919 infected from sick Datana larv. of walnut of empties 6t 35 Sep. 10, '83.

3927 Inf. of walnut leaves infected " " " " " " " " " " "

3928 " " " " Not infected. Check on 3927. " " "

3929 Culture cells, gelatine from 3918, infected from sick larva of 3892 " " "

3930 Ophiodae on cabbage Nl, Sept 10 1883.

3931. Slides of fluid from sick Datana larva from 3892. Sep. 10, '83.
3932 Cover of 3924, mounted unchanged in strong carbol. ac., 11 S., 1883
3933 From dead cabbage worms, 11 S. 1883
3934 From 3907, 11 S., 83.
3935 Gum on corn leaf softened in dist. water Sep. 11, '83.
3936 Buf inf. left open " " "
3937 " " from 3919 infected from fluid of healthy cabbage worms. Sep. 11, '83.
3938 Twenty larvae of Pieris rapae placed in cage & given leaves brushed with 3905. Sep. 11, '83.
3939 " " " " " " " " " " " " " " dist. water " " " Check on 3938.
3940 Stubble from Du Quoin Sept 7/83 B.C.
3941 " " " Carbondale " 8/83 B.C
3942 Culture cells infected from dead larva of 3867 Sep. 12. 83
3943 Slides " " " " " " " "
3944 Coccinellidae found in cabbage field Normal Sept. 13/83
3945 Phytoptus galls on Blk Gum (?) Cobden, July 13, 1883.
3946 Phytoptus galls on Beech Villa Ridge, July 11, '83.
3947 Phytoptus galls on Box Elder (?) Anna, July 17, '83.
3948 Slides of fluid from cabbage worms from Chicago Oct. 1, '83.
3949 Dried fluids " " " " " " " " "
3950 Slides of fluid from yellow-necked Datana larva & surplus lot " " "
3951 20 larvae of Pieris Rapae placed in Cage & fed leaves brushed with 3905 Sept 14/83
3952 Check on 3951 " " " " " " " " " " " " " " dist water " "
3953 ~~Larvae~~ of cabbage worm, half grown. Nearly dead. 14 S. 83.
3954 20 larvae of Pieris rapae Sep. 14, '83.
3955 Slides of intestinal contents of 3953.
3956 Buf inf. from 3919 infected from sick Cabbage worms Sep. 14, '83. Dyn. 17 S.
3957 " " " " not infected. Check on 3956 " " "
3958 Hymenopterous insects from 3541, Sep. 14, '83. In alcohol.
3959 Sorghum infested with Aphides Colo, Story Co, Iowa Houghton.
3960 Sweepings from wheat field Cherry Valley, Winnebago Co., Ill., Aug. 17, '83. Houghton
3961 " " clover " " " " " " " " " Hoyt
3962 Eggs of Chinch Bug. Decatur, May 23, 1883
4001 Cobden Apr. 11, 1882.
4002 Beaver, Ill June 1883 H. A. Peters.
4003 Eggs of Mesnuyza americana deposited in bottle by flies taken in wheatfield. Decatur May 23
4004 Galls on leaves of Solidago, July 2, 1883
4005 Galls on leaves of Peach trees, A. C. Hammond's place, Dec. 26, '83.
4006 Grape vine leaf miner Desmia maculalis, Westw. B.C, Webster
4007 Larva from golden rod Cobden Sept 13/83 B.C. B.C. Webster
4008 Larva from grape leaf Webster
4009 Fluid from dead cabbage worms from 3938. Sep. 15, '83.
4010 Fluid from vent of worm from 4012 ~~3954~~ 16 S. 83
4011 Blood of above Larva.

4012 | Larvæ of Pieris, brought from field S 14. 83. Zat B.C.
4013 Cobden, Apr. 12, 1882.
4014 Larva from 4012, nearly dead of schlaffsucht, 16 S. 83.
4015 Slides from 3921. Sep. 15, '83.
4016 " " 3926 " " "
4017 " " 3927 " " "
4018 " " 3928 " " "
4019 " " 3912 " " "
4020 " of fluids from dead larva from 3951. Sep. 15, '83.
4021 " " " " " " " 3952 Sep. 16, '83.
4022 " from 3907, S. 17, 83
4023 Larva from 4012, 17 S. '83. Sick, but not dead.
4024 Slides from 4023.
4025 Sealed tubes of fluid from 3905, Sep. 17, '83
4026 Slide from 3956, Sep. 17, '83.
4027 Microbeeus bombycis Sep. 17, '83.
4028 Sick larva from 4012, evening of S 17, '83.
4029 Slide from near vent of 4028
4030 Pale + sluggish larva from 3951, S. 17, 83.
4031 Slide from blood of 4030.
4032 " " alimentary canal of 4030.
4033 " containing fungus from 3912 Sep. 17 '83
4034 Cabbage worm pale 17 S. in evening, dead & rotten 18. 9
4035 Infusion from 3905 dried on glass slips Sep. 18, '83.
4036 Flask of 3903 infected with fluid from 4034 " " "
4037 Chalk in 4036 – test tube " " "
4038 Micrococcus vaccinæ from vaccine virus " 19 "
4039 Slides from 3956. Sep. 19, '83
4040 Slides from 4036 " " "
4041 Beef inf. from 3903 infected from 4042 Sep. 19, 83.
4042 Cabbage worm recently dead " " "
4043 Cabbage inf. infected from 4042 " " "
4044 Cabbage worm nly. dead Sep. 20. 83
4045 Beef inf. from 3903 infected from 4044 " " "
4046 Slide of blood from 1135 Sep. 19. 83
4047 Cobden, Apr. 13.
4048 Blood from 4044 Sep. 20, '83.
4049 Slides from 4041, Sep. 21, 83.
4050 Slides from 4043 Sep. 20, '83
4051 Bark lice from Acer dasyc. Sep. 20, 83
4052 " " " Salix cordata " " "
4053 Slides from 4043 Sep. 21, '83
4054 Slides of bld. from Cabbage worm nly. dead of Schlaffsucht Sep. 21, '83.
4055 " " " fluid from ali. canal of same worm as 4054 " " "

4056	Do	Larvae on apple Normal Sept 20/83 b.c.
4057	"	Healthy larvae Normal Sept. 20/83 Pieris rapae
4058	"	Sick larvae " " " " " "
4059	"	Dead larvae but not rotten Normal Sept 20/83. "
4060	"	Black larvae of Pieris rapae Normal Sept 20 83
4061	"	Slides of sterilized cabbage infusion Sep. 21, '83.
4062	"	Slides of fluid from al. canal of cabbage worms (slightly sick) al. canal carefully dissected out & washed. Sep. 22, '83.
4063	"	Slide of bld. of preceding number. Sep. 22, 83.
4064	"	Slides of fluid from 4045, 24 S., 83.
4065	"	From cabbage fields Nl. Sep. 22, '83.
4066	"	Sick cabbage worms from fields Nl. Sep. 22, '83.
4067	"	Dead " " " " " " " "
4068	"	Phytoptus galls from Hard Maple (an Eriocampa) " " " "
4069	"	Dried fluids from sick cabbage worms Nl. Sep. 25, '83.
4070	"	" " " dead " " " " " "
4071	"	Coccinellidae from cabbage field Normal Sept 22 /??
4072	"	Slides of mold from 4045 Sep. 27, '83.
4073	"	Larva, pupa and imago of Trapbopis pubescens. Anna, Ill.
4074	"	Cabbage infusion infected with fluid from sick cabbage worms Sep. 27, '83.
4075		Anna, Apr. 14.
4076	"	Dried fluid from cabbage worms from which 4074 was infected Sep. 27, '83.
4077	"	Slides of fluid from " " " " " " " " " "
4078	"	Slides of fluid from last larva from 3868 dead Sep. 27, '83.
4079	"	Cabbage field Rose Hill Cook Co. Sept 26, 83
4080	"	" " Normal, 28 S., 83.
4081	"	Larvae of Phalaenidae Normal Sept 26 B.b.
4082	"	Slides from 4074 Oct. 1, '83
4083	"	Slides of bld. from sick cabbage worms Nl. Oct. 1, '83.
4084	"	Slides from 4074. Oct. 2. '83.
4085	"	" " 4041 " "
4086	"	" " 3911 " "
4087	"	Cabbage infusion infected with bld. of nly. dead cabbage worms Oct. 2. '83.
4088	"	Slides of blood from same cabbage worms used for 4087 " " "
4889	"	Cabbage inf. not infected. Check on 4088 " " "
4090	"	Slide from 3937, 1 O., 83.
4091	"	Slides from 3921 Oct. 2, '83.
4092	"	" " 3907 " "
4093	"	" " 3926 " "
4094	"	" " 3956 Oct. 3, '83.
4895	"	" " 1136 Oct. 2, 83.
4896	"	" " 4036 O. P, 83.
4097	"	" " 3956 " " " (film)
4898	"	" " 4087 " " "
4099	"	Cabbage infusion infected with bld. from sick cabbage worms. Oct. 5, '83

4100 Do Slides of blood from cabbage worm used for 4099 Oct. 5, '83
4101 " Larvae of white pine saw fly Lophyrus abbotii, teach B.C. Oct. 6
4102 " Strawberry Aphis (winged) from 3634 20 O., 83.
4103 " Tube of 3903, infected from blood of sick larva of 4102 (20 O.
4104 " Slide of blood of larva of 4103.
4105 " Bacillus & spores, from foul brood, 20 O., 1883.
4106 Cobden, Apr. 15.
4107 " [illegible] 3903, 23 O., 83. Mycl with carbolized water.
4108 " " " " Pure; no preservative.
4109 " " " " Sealed tube.
4110 " Slides of 4103, 23 O., '83.
4111 " Test tube of 3903, in which spores of Entom. calop. grown, 24 O., '83.
4112 " Slides of attempted culture of Entomophthora calopteni, 30 O., 8
4113 " Cellular debris from dead cabbage worms, 31 O., 83.
4114 " Intestinal epithelial cells &c., sick cabbage worm.
4115 " & abd. segments of larva of Colaspis brunnea from strawberry roots at Anna 1883
4116 " Diaptomus sanguineus, from Hennick (Grimm.) 5th yr. of Lg
4117 " D. stagnalis, "
4118 " & parts of larva of Scelodonta pubescens. from 3562 Slide.
4119 " & parts of larva of Pronia alternimus from 3675. Slide.
4120 " From Earle's New Strawberry field June 30, 1883, H. S. Earle.
4121 " & other insects Mites, from blackberry Anna June 15, 1883 " " "
4122 Cobden, Apr. 15, Coll. Earle & Seymour.
4123 " Mouth parts of Sciara, 3241
4124 " [illegible] 3715 Jan. 10, 1884.
4125 " " " " (imagines) " " " " in straw " " "
4126 " " " " (image) found emerged " " " " " "
4127 " Red Spider, from Phaseolus. Peoria, 3 7. 84.
4128 " Mites from ear of Arvicola riparius, Nl. Feb. 8, '84.
4129 " Larvae pupae & imagines of Pteromalus purpureus, from Cicuta, Nl. Aug. 16,
4130 Cobden, Apr. 17.
4131 " Eggs from bases of leaves of strawberry plants. Sent to Lab. Nov. 13, 1882, Endicott fld
4132 " Eggs, Limenitis from U. Sel. Placed on strawberry plants in breeding Cage
Pinned 4133 " Lachnosterna from base of strawberry plant Nl, Apr. 2, '84.
4134 " Misc. insects from under boards & decaying wood, Nl. Apr. 1, '84.
4135 " White ants " " " " " " " "
4136 " Myriapods, " " " " " " "
4137 " Ants " " a board at edge of pasture " " " "
4138 " Ants from ant hill " " " "
4139 " " " " " " " " "
4140 " " " under board " " " "
4141 " Ants " " " " "
4142 " Lasius flavus " " " " "
4143 " Lasius alpicola? " " " " "

4144 " Aphides eggs from formicary of 4143. M. Apr. 1, 1884.
4145 " Aphides from " " " " " " "
4146 " Lasius aphidicola? In box with earth + Schiz. panicola + Aphides eggs M. Apr. 1, '84.
4147 " Misc. insects from under boards + wood. Normal, Apr. 4, 1884.
4148 " Strawberry vines + rubbish supposed to contain Aphidians from Endicott field C. R, Apr. 4, 84 B.G.
4149 " Phoxopteris comptana. Endicott field, Villa Ridge, 4 Ap., '84.
4150 " Young plant louse from egg in 4146. Apr. 7, 84. Vial.
4151 " Paria aterrima. adult, 1339
4152 " Three young root-worms. 1339 Placed in earth in breeding cage 7. Apl 84 Aul. nigut.
4153 " Supposed chrysomelid pupa 1339 In earth in breeding cage 7. Apl 84 Lepicerda
4154 " " dipterous " 1339 " " " " Y. L
4155 " Full-grown root-worm, 1339
4156 " Eggs from ovary of ♀ Lygus from 4132, M. Apr. 7, '84.
4157 " Lasius flavus? with Schizoneura panicola, from underlog at edge of comfld. Bl. Apr. 5, '84.
4158 " Schizoneura panicola from nest of Lasius aphidicola. Edge of comfld. Bl. Apr. 5, '84.
4159 " Ants from under log at edge of corn fld. " " " "
4160 " Bl. Apr. 5, '84.
4161 "
4162 Carbondale, Apr. 18.
4163 " Aeschalous larva from 1345.
4164 " Small chrysomeld l. from 1345. B.C. Ap. 8
4165 " Lge acephalous l. from 1345 B.C. Ap. 8
4166 " Coleopterous ~~larva~~ pupa " " B.C. Ap. 8. Lost
4167 " Clisiocampa sylvatica. 1340. (larvae). In alc. Ap 8, 84
4168 " Eggs from 3658. In alc. Ap. 8, 84
4169 " Clisiocampa sylvatica larvae from 1340. B.C. Ap 8, 84
4170 " ~~Arctia~~ Spilosoma virginica Fab. bred from 3574
4171 " Eggs of 4170, found in 3574 Spilosoma virginica, Fabr.
4172 " Moth bred from 1318. Biston ursaria? Walker.
4173 Carbondale, Apr. 19.
4174 " Leaf-roller from 3573 Cacoecia rosaceana, Harr. (probably)
4175 " Parasite from 3573
4176 " White pine saw-flies from 4101. Lophyrus abbotii, Leach.
4177 " Magdalis armicollis, from 3541
4178 " Larvae of Magdalis armicollis from 3541
4179 " Pupa " " " " 3541
4180 " Hymenopterous parasite, bred from 3541
4181 " Psocus from 3541
4182 " Lepidopterous larvae from 3541. with cocoon.
4183 " Slides from 4103. Apr. 4, '84.
4184 " Pupae of Grape-vine leaf-~~roller~~ from 4006. Desmia maculalis
4185 " Slides from 4025. Apr. 4, '84.
4186 " "Datana" ~~bred from~~ Moths found in cage 3867 Amphidasys cognataria (not from "Datana" larvae
4187 " Empty pupa cases &c. of 4186; dry in bottle.
4188 " Slides from 3911. Apr. 9, '84.

4189 " ~~Collingwood~~ Leaf roller ... 1 f. ... 3686 Tinea granella, L.
4190 " Larvae of Conotrachelus nenuphar from 3915
4191 " Alenrodes on Maple leaves, found in 3867, put in new B.C. a/c 10/84
4192 " Adult Alenrodes, in ale, from 3867
4193 " Leaf roller larvae (strawberry) from 4148
4194 " Minute dipterous larva from 3940
4195 Grand Tower, Apr. 20.
4196 " Ants from under decaying log, Bl. Apr. 11, '84.
4197 " Slides from 3907, Apr. 9, '84.
4198 " Bailey's Cr., June, 1876.
4199 " Rock R., Ogle Co., June 5, 1877.
4200 " Slides from 4103, Apr. 10, '84.
4201 " Slides from 3905, Apr. 10, '84.
4202 " Slides from 3921, Apr. 9, '84.
4203 " Slides from 4074, Apr. 9, '84.
4204 " Slides from 3937, Apr. 9, '84.
4205 " Slides from 3923, Apr. 9, '84.
4206 " Slides from 4087, Apr. 9, '84.
4207 " Slides from 4099, Apr. 9, '84.
4208 " Slide from 3907, Apr. 9, '84.
4209 " Slides from 3922, Apr. 9, '84.
4210 Fountain Bluff, Apr. 21
4211 " Slides from 1136, Apr. 9, '84.
4212 " Stock flask beef infusion prepared Apr 15-16, '84.
4213 " Test tube containing 4212 infected with 4025 Apr. 21, '84.
4214 " " " " " Check on 4213, " " "
4215 " Slides from 4025, Apr. 21, '84.
4216 " Chaitophorus negundinis, Box elder N. grounds, Apr. 24, '84.
4217 " Beef infusion from 4212 infected from 4025 Apr. 24, '84.
4218 " " " " " " " " " "
4219 " " " " " " " " " "
4220 " " " " Check on three numbers preceding. Apr. 24, '84.
4221 " Slides from 4213, Apr. 24, '84.
4222 " " " 4036, Apr. 11, '84.
4223 " Beef inf. from 4212 infected from 4035, May 21, '84.
4224 " Slides from 4213 Apr. 24, '84.
4225 " " " 4219. Apr. 29, '84
4226 Wittenberg, Missouri, Apr. 22,
4227 " Slides from 4218 Apr. 29, '84.
4228 " " " 4025 May 5, '84
4229 " " " " Apr. 24, '84.
4230 " Slides of fluid from noctued larva from red clover & dead of some disease N. May 3, '84
4231 " " from 4217 Apr. 28, '84.
4232 " Beef inf. infected from 4035, May 15, '84.

4233 Do Misc. insects swept from wheat. W. Union, May 24, '84.
4234 " Thripidae from wheat " " " " "
4235 " Misc. insects swept from wheat. Villa Ridge, June 3. '84.
4236 " Larva of Isoarma n. sp? Du Quoin, June 7. '84.
4237 " Contents of stomach of toad taken in wheat field. Eldorado, May 21, '84.
4238 " Misc. insects from red clover. Anna, June 6. 1884.
4239 " Gymnetron teter from Mullein. Anna June 5, '84.
4240 " Insects from strawberry leaves. " " " "
4241 " Graptodera chalybea from blkberry leaves. Anna June 6. '84.
4242 " Macrodactylus angustatus. " " " " " " "
4243 " Misc. insects. " " " " " " "
4244 Pine Hills, Union Co., Apr. 24.
4245 " Cut worms on young corn. Champaign, May 17, '84
4246 " Chrysomela similis. " " " " " "
4247 " Insects. Anna June 5, 84.
4248 " Eupsalis minuta from newly cut oak. Eldorado, June 1, '84.
4249 " Scolytidae " " " " " " "
4250 " Snout beetle from leaves of hickory " " " "
4251 " Coleoptera from fungi " " " "
4252 " Misc. insects " " " "
4253 " Sweepings from red clover Carmi May 29, '84.
4254 " " " wheat " " 30, "
4255 " Apple aphis Villa Ridge, June 3, '84.
4256 " Misc. insects W. Union, May 24, 84.
4257 " Coccinellidae from crab apple W. Union May 24. '84.
4258 " Insects. from young corn Eldorado May 31, '84.
4259 " Hessian fly larvae, parasite &c., from wheat Villa Ridge, June 3, '84
4260 " Forest caterpillar from apple " " " " "
4261 " Sweepings from wheat. Mt. Carmel, May 28, '84.
4262 " Phytoptus galls on leaves of persimmon. Mt. Carmel, May 28, '84.
4263 " Ants & army worm Carmi, May 20, '84.
4264 " Coleoptera. Eldorado, May 31, '84.
4265 " Crustaceans, insects &c from fresh water pools on site of salt wells, Equality, June 1, '84.
4266 " Sweepings from wheat. Eldorado, May 31, '84.
4267 " Phytoptus galls? on Carya. Mt. Carmel, May 28, '84.
4268 " Noctuid larva from under log. Danville, May 20, '84.
4269 " Insects from apple. Mt. Jo. 13. 84.
4270 " Plant louse from Fraxinus (viridis?) Mt. June 14. '84.
4271 " Pulvinaria innumerabilis? from pear " " " "
4272 " From blackberry " " " "
4273 " From currant " " " "
4274 " From elm leaves " " 16 "
4275 " From honey locust leaves " " " "
4276 " Sweepings from blue grass " " " "

4277	Do	Beef infusion prepared May 15, '84. Infected spontaneously.
4278	"	Silandria cerasi in cherry. Treated with 4277, June 17, 84.
4279	"	Phytoptus galls from Ulmus. Ml. June 16. '84.
4280	"	Larva of Gortyna from corn Ml. Je. 17, '84.
4281	"	Insects from young corn " " " "
4282	Fountain Bluff, Apr. 25.	
4283	Do	Living corn in Lab. with Lasius flavus & Schiz. panicola June 18
4284	"	Myzus cerasi from cult. cherry Ml. June 18, '84.
4285	"	Silandria cerasi " " " " " " " " larvae
4286	"	Red spider from Larch. Ml. June 20: 84.
4287	"	Rhus cuculis from ripe cherries Ml. June 20, '84
4288	"	Aphis maidis & Lasius flavus colonized on roots of corn in Lab Je. 23
4289	"	4212 infected from 4025 June 23, '84.
4290	"	Slides from 4289 June 27, '84.
4291	"	Slides of fluid from sick larva from 4169 Je. 27. '84.
Pinned 4292	"	Sweepings from wheat fields Anna June 22, '84 C.W. Butler
" 4293	"	" " " fld. " " 20 " " " "
" 4294	"	" " " " " " 19 " " " "
4295	"	Slide of fluid from mouth of larva from 4169 June 27, '84.
4296	"	Slides of fluid from sick dog from 4278 June 27, 84
4297	"	Slide of spores from dead lep. larva from timothy. June 29. '84.
4298	"	Slide of wall of al. canal of 4291, stained June 27. '84.
4299	"	Lasius flavus on corn in Lab. Colonized June 20. 84
4300	"	Check on 4299. Corn with no parasites " " "
4301	"	Slides of fluid from sick larva from B.C. 4169 June 30. 84.
4302	Cobden, Apr. 26.	
4303	Do	Dried fluid from same as 4301. June 30: 84.
4304	"	Part of body of same as 4301 & 4303 in alc. Je. 30. '84.
4305	"	Root louse from timothy (?) in corn field Ml. June 30. 84.
4306	"	Grass root louse " " " " " " " " "
4307	"	Elm tree comb gall " " " "
4308	"	Phytoptus gall on leaves of Sambucus canadensis Ml. Je. 30, 84 from
4309	"	Misc. insects. Ml. Je. 28, '84.
4310	"	Dried fluid from larva dead of pebrine from 4169 July 1. 84
4311	"	" " " " " " " " " " July 2 "
4312	"	Skins of larvae dead of pebrine " " " "
4313	"	Slide from same larva as 4311 " "
4314	"	Slide of fluid from larva dead of pebrine from 4169 July 3, '84.
4315	"	Dried fluid from same as 4314 " " "
4316	"	Slides from sick larva from 2321a " " "
4317	"	" " dead " " 2321b " " "
4318	"	Larva Grapta interr. from elm. Ml. July 3, '84.
4319	"	Rhizobius sp. (?) roots of white clover Ml. July 3. 84.
4320	"	Leaf hopper from leaves of sp. apple " " " "

4321 do Insects taken at roots of corn. Ml. July 3. '84
4322 " Misc. insects " " " "
4323 " Leaf roller of apple. Larvae " " " " from B.C. 2548
4324 " Two larvae of Eropta interr. fed on leaves treated with 4311 Ml. July 3, 84. 5 P.M.
4325 " Slides from lep. larva dead of "schlafsucht" on Sinchus oleraceus July 4. '84.
4326 " Silandria cerasi on mountain Ash Ml. " " "
4327 " Lepidopterous larvae from timothy Ml. July 3, '84. from B.C. Heliothis Harveyi 571
4328 " " " " " " " " " " from B.C. Heliothis larvae 570 ~~2374~~
4329 " Larva from 4324 ntly. dead. Slide of fluid " " "
4330 " Insects from red clover " " "
4331 Cobden, Apr. 27.
4332 do. Calocoris rapidus from red clover. Ml. July 5, '84.
4333 " Lygus lineolaris " " " " " " "
4334 " Empoa albopicta " " " " " " "
4335 " Campylenchia curvata " " " " " " "
4336 " Young Oleanthus niveus " " " " " "
4337 " Tipicaeus, imbricatus " " " " " "
4338 " Insects from beans " " " "
4339 " Cnamica picta. 2321a. 6 July, 84 (See notes,
4340 Makanda, Apr. 27.
4341 do Phytoptus? work on Gooseberry, Ml. July 9, 84.
4342 " Normal. July, 84. (Determined, - Lepidoptera)
4343 " Grape leaf-miner, Ml. July 7, 84. B.C.
4344 " Parasite? of 4343
4345 " Pupae from 4343
4346 " Larvae of Hyphantria textor on Red Raspberry, Ml. July 10, 84, B.C. Not Bred
4347 " Parasites of Platysamia cecropia, Ml. July 10, 84. B.C. Cryptus extenuatis, Cress.
4348 " Moths from 2142 Cymatophora crepuscularia, Pack.
4349 " Parasites Hymenoptera from 2538
4350 " Pulvinaria innumerabilis, Maple, Ml. June 21, 84, for Parasites. 1 & 2.
4351 " Moths from 2504 Eccopsis permundana Clem. Lophoderus velutinana, Walk
4352 " Larva eating Cultivated Aster, Fuchsia + Commelyna, Ml July 7, 84 B.C. Spilosoma
4353 " Parasite from 2322
4354 " Hemiptera from 2161.
4355 " Hessian fly flaxseeds in wheat, E.C. Madison, Marshall, Ill, July 7, 84 B.C.
4356 " Parasitic Hymenoptera from 4355
4357 " " " 2201
4358 " " " 2371
4359 Makanda, Apr. 28
4360 do Leptodora & other Entomostraca from surface net after tug. Spring Bay, July 9. '84.
4361 " Sweepings from wheat, Anna, July 5, '84. C. W. Butler.
4362 " Slides of fluids from Mamestra larva from 2321a dead of schlafsucht June 29. '84.
4363 " " " " " dead larva from 2321b, July 9. '84. (No. 1)
4364 " " " " " " " " " " " " (No. 2)

4365 Do Fluids from dead larva from 2321b, July 7, 84.
4366 " " " " larva from 2321a, July 3, 84
4367 " Lymnaeophora, dead of flacherie, June 30, 84
4368 " Larva from 2328, dead July 8, 84.
4369 " Crustacea &c. Towing net, July 10, 84 Peoria Lake.
4370 " Film coloring excrement of 2ieck larvae picta, 2321b, 12 July, '84.
4371 " debris of cells from Malpigh. tubes &c., blood of dead L. picta, 13 Jl. 84.
4372 " Dipterous gall & larvae from them on Hazel. Kappa, July 14, 84
4373 " Phytoptus(?) galls on Walnut. Hudson, July 14, 84.
4374 " Willow Coccid. Kappa, July 14, 84.
4375 Anna, Apr. 28.
4376 Do Moths from 2504
4377 " Parasitic Hymenoptera from 4347 Cryptus extrematus, Cress.
4378 " Aphis maidis from breeding cage, July 15, 84
4379 " " " " roots of corn. NL. July 14, 84.
4380 " Blackberry Phalaenid. F. W. Goding, Ancona, Iowa. July 12, 84 B.C. Euxoa transversata
4381 " Cabbage cut-worm, Dr. F. H. Boardman, Elmira, Del. July 14, 84. Agrotis c-nigrum L.
Pinned 4382 " Cecidomyias from 2598
4383 " Ceramica picta dead in 2321a, in alcohol, July 16, 84
4384 " " " " " " " " glycerine " " "
4385 Anna, Apr. 29.
4386 Do Ceramica picta dead in 2321b in alcohol, July 16, 84
4387 " " " " " " " glycerine " " "
4388 " Leaf rollers on Honey locust, Kappa, July 14, 84 B.C.
4389 " Larvae from 4388
4390 " Ceramica picta, dead in 2321a, in alcohol, July 17, 84.
4391 " Cabbage cut-worm, NL. July 16, 84, Same as 4381. B.C. Agrotis c-nigrum L.
4392 " Larva eating leaves of Hazel. Kappa, July 15, 84. B.C.
4393 " Parasite of Hippodamia maculata, Hudson, July 14, 84 B.C.
4394 " Hymenopterous pupae on clover leaf. NL. July 10, 84 B.C.
Pinned 4395 " Hymenoptera from 4394.
" 4396 " Hymenopterous parasites from 2548
" 4397 " Coleoptera on Honey Locust., Kappa. July 14, 84
4398 " Cortyna nitela from Burdock & Hollyhock, Hudson, July 13, 84
4399 Villa Ridge, May 1.
44[illegible] Do Parasite (dipterous) of Cortyna nitela, Hudson. July 13, 84 Burdock.
4401 " Bag-worm. Red cedar. Anna, July 13, 84. B.C.
Pinned 4402 " Hemiptera from curled grape leaves. Hudson, July 13, 84
" 4403 " Thyreocoris pulicarius from Ceanothus americana, Kappa. July 14, 84
4404 " Larva from 2174 Sarrothripa lintneriana, Speyr
Pinned 4405 " Hudson, July 12, 84, Miscel. Insects
" 4406 " Kappa " 14, 84 " " Panorpa
4407 " Syrphid! larvae, N. [illegible] pond, July 15, 84.
4408 " La[illegible] July Sitochroa verticalis

4409 Do Insect eggs on Raspberry, Anna, July 14, 84. B.C.
4410 " Blackberry leaf roller (Phoxopteris comptana, Frol.) + another larva (Spilonota virginica), Anna, July 14, 84. B.C.
4411 " Larva of parasite from 4410.
4412 " Larvae on Sunflower. NE. July 17, 84. B.C. {Agrotis c-nigrum. Apatela oblinita
4413 " Slides of fluid from dead larva from 2321b. July 10. '84.
4414 " Slides from 4277. June 17, '84.
4415 " Ceramica picta, dead of "new disease." July 12 & 13, 1884.
4416 " Blood of 4415, in glycerine
4417 " Part of intestine of 4415, logwood glycerine.
4418 " Cecidomyidae ~~destructor~~? (adults from shocks of wheat Anna July 14. '84.
4419 " Phalacridae from among wheat in shocks " " " "
4420 " Hessian fly, flax seed Anna, July 12. '84, B. C.
4421 Cobden, May 1.
4422 Do Cecia fructic. ~~Hessian fly, adults.~~ from house. Anna, July 13. '84.
4423 Villa Ridge, May 2.
4424 Do Wheat straw worm Anna, July 13. '84.
ed 4425 " Colaspis brunnea from corn. Anna July 14. '84.
4426 " Fossues sp. from young corn " " " "
4427 " " " " " " " " " " "
4428 " Macropsis nobilis " " " " " "
ed 4429 " Small Chrysomelide " " " " "
4430 " Miscel. Insects from wheat shocks. T. S. Moore, Robinson, Ill. July 18, 84.
4431 " Aphis maidis, fm ups lvs corn. Minnetaka, 17 Jly 84.
4432 " Larva, killed by Zea. fl. " " "
4433 " A. maidis, root of corn, in rye last year, near Tuspot. 16 Jly 84
4434 " " " oats " " Minnetaka 17 "
4435 " " " prairie sod " " "
4436 " " " corn " " "
4437 " Cecidomyia s-strobiloides? larvae from Willow (Salix cordata), Kappa, July 14, 84.
4438 " Cecidomyia ~~salicicola~~ sp. ~~icoides~~ larvae from Willow galls. with Lepidopt. larvae infesting galls.
4439 " Meromyza americana, adult, from corn leaves, Anna, July 14, 84
4440 " Cecidomyian galls + larvae on Aster(?) Kappa, July 14, 84 (plant pressed)
4441 " Leaf miner on unknown plant, " " " " " "
4442 " Aphis on D.[illegible]ium sp. " " " " "
4443 " " " Rhus glabra. Champaign. Ill. July 18, 84
4444 " Egg from oblong case of rolled hazel leaf Kappa, July 14 84 B.C. Lost
4445 " Lepidopterous pupa from tomato patch, NE. July 17, 84 B.C. Agrotis c. nigrum L.
4446 " Coleopterous " " leaf of cult. plant, NE. July 18, 84 B.C.
4447 " Ceramica picta, dead in 2321b, in glycerine, July 19, 84.
4448 " Peoria, Ill. July 9, 84.
4449 " Spring Bay, July 9, 84
4450 " Peoria Lake, Dredge, July 9, 84.
4451 " Deep Water, Spring Bay, July 9, 84.
4452 " Shallow water, Spring Bay, July 9, 84.

	4453	Do	C a. ica picta, dead in 2321 b, in alcohol. July 21, 84
	4454	"	" " " " 2321 a " glycerine " " "
	4455	Villa Ridge, May 3.	
Pinned	4456	Do	Champaign, July 18, 84. From Woodworth, Hymenopter.
"	4457	"	Hyperaspis signata, apparently feeding in yg or egg of Maple bark louse, Nl. July 1
	4458	"	Cecidomyia? from cellar window. Nl, July 16, 84.
Pinned	4459	"	Wheat insects, Anna, July 14, 84.
	4460	"	Apple Aphis " " 13, 84.
	4461	"	Wheat insects " " 14, 84
Pinned sm	4462	"	" " " " 13, 84
	4463	"	Black Lem Phytoptus " " 14, 84.
Pinned sm	4464	"	Wheat insects " " 12, 84
	4465	"	Raspberry, " " 14, 84
	4466	"	Strawberry leaf roller, Nl. July 20, 84. B.C. Lophoderus, velutinana, Wa
	4467	"	Grapta interrogationis from 4324.
	4468	"	From larva of Papil. asterias (B.C. 2328) died of Schlafschat
	4469	"	Larvae of ~~Cacoecia~~ Coptocycla aurichalcea from Morning Glory. Nl. July 19, 84 B.C.
	4470	Villa Ridge, May 4.	
	4471	Do	Larvae from 4469 Coptocycla aurichalcea
	4472	"	Mycetophilidae from near outhouse, Nl. July 22, 84
	4473	"	Eggs on corn leaf, Nl. July 21, 84 B.C.
	4474	"	Parasitic cocoons on Blackberry leaves, Nl. July 21, 84 B.C.
	4475	"	Epicauta pensylvanica from 4153
	4476	"	Ceramica picta, dead in 2321 b, in alcohol. July 22, 84
	4477	"	Hymenopterous parasite from 4350.
Pinned	4478	"	Hyperaspis signata from 4350.
	4479	"	Pristiphora ~~anfifes~~? from 2602 P. grossulariae, Walsh
	4480	"	Silandria cerasi from 2330
	4481	"	Pyralid moth from 1966. Crambus sp.
	4482	"	Hippodamia maculata, 4446
	4483	"	Eggs of Selandria cerasi, from accidentally crushed female from 2330.
	4484	"	Leaf roller on Mountain ash. Nl. July 22, 84 B.C. Parasitized
	4485	"	Larva on Apple leaf. Nl. July 22, 84 B.C. Lost
	4486	"	Moths from 2561 (Tineidae)
	4487	"	Phalaenid from 2485. Euputhecia nisericulata, Gaede
	4488	"	Cabbage larva (cutworm?) dead of muscardine in B.C. 4391, July 22, 84.
	4489	"	Slide of 4488
	4490	"	Cabbage larva (Mamestra?) from dead of green muscardine, Nl. July 22, 84
	4491	"	Slide of 4490
Pinned	4492	"	Coccinella 9-notata, date & locality unknown
	4493	Villa Ridge, May 5.	
	4494	Do	Entozoa of Rubalichthys niger. Ottawa. July. 77
	4495	"	Larva from 3951. Dead of Muscardine? Sept 20, 83.
	4496	"	Cadbiosoma leconteii dead of muscardine from B.C. 1560

4497	Do	Neuropterous larvae &c. Edge of Deep. L., Ill. Oct 12, 82.
4498	"	Aphis from Willow, Sept 7th, 1883, E.R. Boardman.
4499	"	Micrococcus insectorum, Burrill, from corn stalk, Ml, Oct. 82.
4500	"	Spiders, Minnesota, Sept, 83.
4501	"	Well at Hudson, Ill, Mch. 80. Worm
4502	"	Hymenopter from wheat infested by Meromyza. May 17, 83.
4503	"	Eggs of Mollusk, A. H. Mundt, Mch. 11, 80.
4504	"	Slides of bacteria from hay inf July 19, '84.
4505	"	Siphonophora avenae from oats Ml. July 20, '84.
4506	"	Chlorops sp. from oats " " " "
4507	"	Misc. insects " " " " " "
4508	"	Sciara nitela larvae from oats " " " "
4509	"	Beetles from madeira vine " " " "
4510	"	Empoa albopicta from raspberry " " " "
4511	"	Misc. insects " " " " " "
4512	"	" " from strawberry " " " "
4513	"	Larvae, pupae & imagines Diabrotica longicornis Ml. July 21, '84.
4514	"	Corn root louse from corn " " " "
4515	"	Sciara nitela from corn " " " "
4516	"	Ips fasciatus " " " " " "
4517	"	Insects " " " " " "
4518	"	Epitrix cucumeris on tomato Ml. July 22, '84.
4519	"	Empoa albopicta on blk. walnut " " " "
4520	"	Jassidae " " " " " "
4521	"	Aleurodes sp. adult. Soft maple " " " "
4522	"	Aphis brassicae, cabbage, ~~wingless female~~ " " " "
4523	"	Plutella cruciferarum " larvae & pupae " " " "
4524	"	Flea beetle wh. riddles apple leaves Longitarsus ballotae " " " "
4525	"	One of Psocidae. Soft maple " " " "
4526	Villa Ridge, May 6.	
4527	"	Ormenis found transforming on box elder Ml. July 22, '84.
4528	"	Plant louse from cult. raspberry " " " "
4529	"	Corimelaena " apple " " " "
4530	"	Hemiptera from blk. walnut " " " "
4531		Entozoan from peritoneal cavity of Kingfisher.
4532		From Sphyrapicus varius, Normal. Apr. 5, 83
4533		Asellus, N. Ill., June 83.
4534		Entozoan from intestine of Polyodon folium Henry, Oct 26, 78.
4535		Young catfish, Peoria, 1875.
4536		From diseased lip of an Amiurus sp., Peoria, Oct. 30, 1879.
4537		Wheat midge from W. R. Lowe. Chicago July 23. 84. from B.C. 4553
4538		Scab from a hen's tarsus, Anna, Ill. May 30, 83, C.W. Butler
4539		Corimelaena pulicaria peach tree Ml. July 23, '84.
4540		Orchestris vittata Hamilton " " " "

	4541	Do	Strawberry leaves, showing work of Maple Bark Louse, Normal, Ill.
	4542	"	Oniscus + young. No date or loc.
Pinned	4543	"	Dolerus bicolor. Normal
	4544	"	Lixus concavus. no date or loc.
	4545	"	[illegible] Insects, Normal.
	4546	"	Entomophthora calopteni, from H. Osborn, Ames, Iowa
	4547	"	Gortyna ~~nitela~~, larva, no date or loc.
	4548	"	Miscel. larvae, Peters' collections, C. Ill., no date
	4549	"	Larva of Papilio (asterias?) no date or loc.
Pinned	4550	"	Scelodonta nebulosus, Nl. July 18, 84
	4551	"	Insects from yg. peach trees, Nl. July 23, 84.
	4552	"	Miscel. insects from cucumber vines, Nl. July 23, 84.
	4553	"	Wheat midge from W. R. Lane. Chicago, ~~Bred~~ July ~~23~~, 84 B.C.
	4554	"	Phytoptus galls from Juglans nigra, Hudson, July 14. 84.
Pinned	4555	"	Empoa albopicta from Ptelea trifoliata. Nl. July 20, '84.
	4556	"	Phytoptus gall from leaves of cult. willows " " " "
	4557	"	Coccinellid larvae from 4473
	4558	Villa Ridge, May 8.	
	4559	Do	Phylloxera vastatrix from grape Nl. July 25, '84.
	4560	"	Phytoptus pyri from pear leaves " " " "
	4561	"	Nematus ventricosus from 2600
	4562	"	Tachina? fly from 2571 Nemoraea leucaniae?? Kirk.
	4563	"	Myzus cerasi from plum. Nl. July 25, '84.
Pinned	4564	"	Insects from Ptelea trifoliata " " " "
	4565	"	Cecidomyia from 2371
	4566	"	Hymenopterous parasites from 2544
	4567	"	Proctotrupidae from 2544
	4568	"	Hymenopterous parasite from 2504.
	4569	"	Tachina flies from 2578 Nemoraea leucaniae?? Kirk.
	4570	"	Leaf-roller from 2548 Pempelia hammondi Riley
	4571	"	Mites infesting living pupa of dirt web worm. B.C. June 30, '84.
	4572	"	Saw-fly from # 2563. Nematus n.sp.
	4573	Olmstead, May 9.	
	4574	Do	Hymenopterous egg parasites from 4409
	4575	"	Hymenopter from 2593.
	4576	"	Larvae, pupae & wingless Diabrotica longicornis from corn; Nl. July 18, '84.
	4577	"	Aphis maidis, aerial form; wingless from corn leaves " " " "
Pinned	4578	"	Chrysomelid common on smartweed. Nl. July 28, 84
	4579	"	Misc. Insects from corn. " " " "
Pinned	4580	"	Diptera from leaves of corn. " " " "
	4581	"	Wire worm from corn, Nl. July 28, 84
	4582	"	~~Leaf~~ ~~of~~ ~~corn~~ Corn root louse. Nl. July 28, 84.
	4583	"	Grass root louse? from roots of corn, Nl. July 28, 84
Pinned	4584	"	Tineia clandestina, larvae Nl. Aug. 31, 84 Captor of Fall Web worm.

4585 Do | Fall web worm on blk. walnut tree treated with hay infusion cm. bacilli July 23 '84.
4586 Olmstead, May 10.
4587 Do | Fall web worm. Slide of fluids of dead larva from 4585 July 29, '84.
4588 " | " " " " " " " " living and sick larva from 4585 " "
4589 " | Slides from fluids of Pyrem. cardui, dead and alcoholic, July 29 '84.
4590 " | Sesia diffinis from 2278
4591 " | Cucullia from 2555 — C. asteroides, Guen.
4592 " | Apatela from 2998. — A. oblinita, Abb. & Sm.
4593 " | Gortyna nitela from 2171.
4594 " | Slides of fluid from 4025, July 30. '84.
4595 " | Beef infusion infected with fluid from 4025, July 30. '84. Large flask.
4596 " | " " " " blood " Sick silk worms from 4600 from Burrill. July 30. '84.
4597 " | " " " " fluids " same as 4596 " "
4598 " | Slides of fluids from same as 4596 " "
4599 " | " " blood " " " " " "
4600 " | European silk worms, dead & sick of flacherie, rec'd. from J. J. Burrill " " "
4601 " | Dried fluids from same as 4596 " " "
4602 " | Beef inf. infected from dead silk worm 4600 rec'd from Burrill " " "
4603 " | Slides of fluid of silk worm used for 4602 " " "
4604 " | Dried fluids " " " " " " " " " "
4605 " | Dried fluids of silk worm 4600 rec'd from Burrill " " "
4606 " | " " " " " " " " " " " "
4607 " | Pyrameis larva dead of Flacherie (?) M. July 31, '84
4608 " | Beef inf. infected wi. blood of silk worm 4600 dead of flach. July 30. 84.
4609 Beltsville (including Fort Lincoln) May 11.
4610 Do | Silk worm with bacteria in alc. July 31, '84 (from Burrill)
4611 " | Beef infusion infected with blood from silk worm dead of flach. July 31, '84.
4612 " | Slides of fluid from same worms used in 4611 " " "
4613 " | Dried fluids " " " " " " " " " "
4614 " | Beef inf. infected from 4025 " " "
4615 " | Flach. Slides from 4602. Aug. 1, '84.
4616 " | Flach. " " 4596 " " "
4617 " | Flach. " " 4597 " " "
4618 " | Flach " " 4608 " " "
4619 " | Flach. Slides from 4595 " " "
4620 " | Sweepings from wheat, Mc Henry, July 31, 84.
4621 " | Wheat midge, " " " " " " "
4622 " | Sweepings from pasture land " " " " "
4623 " | " " mayweed " " " " "
4624 " | Insects from oak " " " " "
4625 " | Agrion, parasitized " " " " "
4626 " | Miscellaneous insects " " " " "
4627 " | Wheat showing work of midge " " " " "
4628 " | Phytoptus from oak " " " " "

4629	Do	Datana ministra from Apple, (Buckman) Farmingdale, Recd Aug 1, 84 B.C.
4630	"	Eggs on cabbage leaf. Nl. ♀ Aug 1, 84. B.C.
4631	"	Eggs from 4631.
4632	Olmstead, May 10.	
4633	Vienna, May 12.	
4634	Do	Cabbage larvae Nl. July 26, 84 ("Plutella cruciferarum. Pluria precatinis, Linn. (1) a smooth larva (2) a hairy larva (3) Spilosoma B.C. virginica
4635	"	Plutellas from 4634. P. cruciferarum. Zell.
4636	"	Hymenoptera from 1910
4637	"	Pupae from 1910 Gelechia gallaesolidaginis, Riley
4638	"	Parasites from 1910
4639	Tunnel Hill, May 12.	
4640	Do	Parasites, Hymenopterous, from 2045. Ichneumon rufiventris, Brullé
4641	"	Pogonieis cardui on Burdock, Nl July 28, 84. B.C.
4642	"	Cacoecia ~~abolatana~~ rosaceana from 2548. ?
4643	"	Slides from 45 95, 3 an., 84. Used to infect 4644.
4644	"	25 cabbage worms, P. rapae, for flacherie expt. 2 an., 84. B.C.
4645	"	" " " check on 4644. B.C.
4646		Slides from 4611, used in infecting 4647, 4 an., 84. Hot tra
4647	"	25 cabbage worms, P. rapae, infected from 4611, 4 an. 84 B.C.
Pinned 4648	"	Orthoptera, McHenry, July 31, 84.
4649	"	Cecidomyia gall, Salix cordata from Corbett, Chicago, Recd Aug 4, 84
Pinned 4650	"	Sweepings from Mulberry. Dr Schroeder, Bloomington, Aug 1, 84
4651	"	Sections of injured mulberry twigs. " " " " "
4652	"	Cut worms from sorghum Champaign, Aug. 2. '84.
4653	"	" " " " " " " " " Slides of fluids.
4654	"	Datana ministra larvae from apple Champaign Aug. 2, '84. B
4655	"	Aphis maidis from sorghum " " " "
4656	"	Syrphus fly larvae " " " " " "
4657	"	" " " " " " " " " " B.C.
4658	"	Schizoneura panicola from larvicum in sorghum field Champaign Aug. 4, '84.
4659	"	Dimeria? immature from sorghum " " " "
4660	"	White grub from roots of corn " " " "
4661	Sanborn, May 13.	
Pinned 4662	Do	Chinch bug from corn. Champaign Aug. 4, '84
4663	"	Schizoneura panicola from roots of corn. Champaign, Aug. 7, '84.
4664	"	Megilla maculata, Eggs, from leaf of corn " " " "
4665	"	Aphis maidis from roots of sorghum " " " "
4666	"	Schiz. panicola " " " " " " " " "
4667	"	New plant louse from roots of sorghum " " "
Pinned 4668	"	Misc. insect from sorghum " " " "
4669		White grub " roots " " " " " "
4670		Lo ished plant bug from sorghum " " " "
4671		Lethyroides " " " " " "
4672	"	[illegible] " " "

Pinned	4673	Do Weevil from sorghum Champaign, Aug. 2, '84.
"	4674	" Pasia viridicyanea from sorghum Champaign, Aug. 2, '84.
"	4675	" Rhopalosa " " " " " "
	4676	" Beef inf. injected from blood of sick " on authority by Burrill & be sick yesterday Aug. 4, '84.
	4677	" Beef inf. " " " alimentary canal same as 4676.
	4678	" Slides of bld. of same as 4676
	4679	" Slides of fluid from al. canal of same as 4676.
	4680	" Silk worms sick of flacherie preserved in alc. Aug. 4, 1884.
	4681	" Silk worms, all not, supposed to be sick of [illegible] Aug. 4, '84.
	4672	"
	4673	"
	4674	"
	4675	"
Spl.	4676	"
	4677	"
	4678	"
	4679	"
	4680	"
	4681	Tunnel Hill, May 15.
	4682	Do Aphis maidis from leaves of broom corn Champaign, Aug. 2, 1884.
	4683	" Stock flask beef inf. Aug. 4, '84.
	4684	" Flask. spp. Slides of fluid from vent(?) of worm from 4644, Aug. 6, '84. (1)
	4685	" " " " fluids of body " " " " " " " " (2)
Pinned	4686	" Lopidea media from leaves blk. locust Nl. Aug. 6, '84.
	4687	" Spiders from webs on yg. apple trees " " " "
	4688	" Locust from leaves of Robinia pseudacacia Nl. Aug. 6, '84.
	4689	" Spiders from web on yg. apple trees " " " "
Pinned	4690	" Empoa albopicta from leaves yg. apple trees " " " "
"	4691	" Aphis lineolaris " " " " " " " " "
"	4692	" Calepteron fumiferanae " " " " " " " "
"	4693	" [illegible] " " " " " " " "
	4694	" Trypeta bella " " " " " " " "
Pinned	4695	" Misc. insects " " " " " " " "
	4696	" Flask. spp. slides of fluids from same as 4684 Aug. 7, '84.
	4697	" Hymenopter found among fall web worms in web on walnut tree. Nl. July 31, 84.
	4698	Sanborn, May 16.
	4699	" Ants found with Empoa albopicta, Nl. Aug 2, 84.
	4700	" Eggs of Datana ministra on apple leaf. Nl. Aug. 6, 84.
	4701	" Moth on corn leaves, Nl. July 28, 84. Grapholitha interstinctana Cl.
	4702	" Pempelia hammondi on Apple in nursery. Nl. Aug 6, 84.
	4703	" ~~Moth on corn leaves~~ Empty galls from Oak. Kappa. July 14, 84.
	4704	" Parasite (Hym.) on fall web-worm Nl. July 29, 84.
	4705	" Leaf roller from redbud. Nl. Aug. 7, 84.
	4706	" [illegible] Nl. Aug. 7, '84.

4707	Do	Eggs of Anisota rubicunda on soft maple. Nl. July 84. B.C. Dead
4708	"	Caterpillar on red clover, Nl. Aug 7, 84. B.C.
4709	Tunnel Hill, May 16.	
4710	Do	Larvae of Euchaetes egle on Milkweed, Asclepias cornuti, Nl. Aug 2, 84.
4711	"	" from 4710
4712	Paloka, May 17.	
4713	Makon, May 17.	
4714	Normal, May 20.	
4715	Do	Pentatomidae preying on Datana ministra from Apple. Nl. Aug. 6, 84. B.C.
4716	"	Eggs of Tall web worm(?) on Ptelea trifoliata, Nl. July 25, 84. B.C.
4717	"	Aphides from leaves of Elderberry. Bloomington, Aug. 7, 84.
Pinned 4718	"	Buffalo tree hoppers? from thistle leaves " " " " Cirsium discolor
4719	"	Coccus? from Mulgedium " " " "
Pinned 4720	"	Ormenis pruinosa from Elderberry " " " "
" 4721	"	Leaf hoppers " " " " " "
4722	"	Phytoptus galls from Quercus " " " "
4723	"	Slides from 4608, 9 Aug, '84.
4724	"	Black & Pale skinned larvae from Bunnell. Aug. 8, '84.
4725	"	" Malpighian tube of 4724 " " "
4726	"	Slides from 4676. 9 Aug. '84.
4727	"	Slides from al. canal of 4724. Aug. 8, '84.
4728	"	Black. Yellow skinned sick silk worms from Bunnell. Aug. 5, '84.
4729	"	Slides of fresh bld. of 4728 in corb. water " " "
4730	Bloomington, May 22.	
4731	Do	Malpighian tube of 4728 Aug. 8, '84. Slide
4732	"	Fatty bodies " " " " " "
4733	"	Wall of al canal of " " " " "
4734	"	Muscles of hd of " " " " "
4735	"	Slides of fluids of dead worms from 4647. Aug. 8, '84.
4736	"	Black. Yellow skinned sick silk worms in alc. " " "
4737	"	" Slides from dead & rotten cabbage worms 4647. 10 Aug
4738	"	" Slides of fluids from same as 4608. July 20, 1884.
4739	"	" " of blood " " " " " "
4740	"	" Beef inf. infected from bld. of dead larv. of 4647. Aug. 10, 1884.
4741	"	" Slides of fluids of same as 4740 " " "
4742	Normal, May 22.	
4743	Normal, May 23.	
4744	Do	25 larvae of Pieris rapae for experiment, infected from 4602, Aug 9. 84. B.
4745	"	Slides from 4602, used to infect 4744. Aug 9. 84
4746	"	25 larvae of Pieris rapae for experiment, infected with hay infusion, Aug 9, 84. B.
4747	"	Larva eating tomato leaves, Nl, Aug 9, 84. B.C. Manduca 5-maculata
4748	"	Slides of hay infusion used in infecting 4746
4749	"	Leaf folder from sycamore. Nl. Aug. 10, '84. B.C. Parasitized
4750	"	Spider from oak leaves " " " "

4751 Thorn Grove, May 23.
4752 Do insect infesting ends of box Elder, work of Aug. 10, 1884, Nl.
4753 " Pulvinaria? young from leaf of silk. walnut Nl. Aug. 10, '84.
4754 " Sphinx larva from under grape vines, Nl. July 30, 84 B.C.
4755 " Arctian larva (Halesidota tessellaris?) Plum, Nl. July 25 B.C.
4756 " " " " Basswood " " 30 B.C.
4757 " Phytoptus ulmi in galls Nl. Aug. 10, '84.
4758 " Phytoptus in galls on cult. willow Nl. Aug. 10, '84.
4759 " Coccid? Mulgedium floridanum, Bl. Aug 7, 84. B.C.
4760 " Cabbage larvae. Aug 2. 84. Nl. B.C. Dead and Lost.
4761 " Pupa of Cecropia-moth. Nl. July 24, 84 B.C.
4762 " ~~Hach~~. Beef inf. infected from fluids of yellow-skinned dead silk worm 9 days Aug. 11, '84.
4763 " " Slide, from " 4. Aug. 11, 4.
4764 " 25 larvae of Pieris rapae, Nl. Aug. 8. 84, Check on 4744 + 4746 BC.
4765 " Hach. Slide of fluid from dead larva from 4744 Aug. 11, '84.
4766 " ~~Larva~~ Pupa of Eristalis, D. S. Harris, Cuba, del. Aug 11, 84. B.C. Dead
4767 " From Maple-leaves, Nl. July 26. 84. Aleurodes, Hyperaspis, Chilocorus &c
4768 " Larval Grasshopper found eating cabbage leaf, Nl. July 28, 84.
4769 " Pupae of Rhyncophora from Cecidomyia stem galls on Willow, Nl. Aug 3, 84
4770 Normal, May 25.
4771 Do Insects from cabbage, ~~Aug 2, 84~~. Nl.
4772 " Pyralid? larva found on sidewalk. Nl. Aug 7, 84.
4773 " Coleoptera from corn smut. Bl. Aug 1, 84.
4774 " Larva on timothy, D. S. McKinstry, Grant Park, July 28, 84 B.C. Heliophila harveyi, Grote ~~phragmatidicola~~
4775 " Moth from 4774. Heliophila harveyi, Grote.
4776 " Phylloxera, gall, + parasite from Hickory, Bl. Aug 7, 84.
4777 " Saw-fly larvae on Hickory, Bl. Aug 7, 84. B.C.
4778 " Larvae from 4777.
4779 " Galls on leaves of Nettle, Bl. Aug. 7. 84. B.C.
4780 " Apatela leporculina, larva, Cottonwood, July 26, 84. B.C.
4781 " Saw-fly larvae in Desmodium, Bl. Aug 7. 84. B.C.
4782 " Lepidopterous larvae on Oak, " " " " B.C.
4783 " Blackberry phalaenid, " " " " B.C. Dead
4784 " Box Elder " Nl. July 25, 84 Cymatophora crepuscularia Pack. B.C.
4785 " Apple leaf roller. Ufs apple trees, Nl. July 25, 84 B.C. Parasitized
4786 " Parasites from 4785
4787 " Pyrameis cardui from 4641
4788 " Larva of Macrocila, Tomato, Nl. July 25, 84. B.C. M. carolina, L.
4789 " Eggs on Blackberry, Nl. July 26. 84 B.C. Lost
4790 " Parasites of Hyphantria textor from Walnut. Nl. July 26, 84. B.C.
4791 Normal, May 26.
4792 Do Imagos from 4790
4793 " Larva of Pieris (asterias?) on Wild parsnip. Nl. Aug 11, 84. B.C.
4794 " Young Buffalo tree-hopper. Bl. Aug. 7, 84. Thistle. Cirsium discolor B.C. Lost

4795	Do	Leaf miner in Basswood Bl. Aug. 7, 84. B.C.
Pinned 4796	"	Coptocycla aurichalcea ~~Cassida nigripes~~, 4469
4797	"	Pulvinaria innumerabilis? young from leaves catalpa. Nl. Aug. 11, '84.
4798	"	" " " " " " Robinia pseudacacia " " " "
4799	"	Thrips from 4647. Aug. 12. '84.
4800	"	Aphis maidis from [illegible] Nl. Aug. 11, '84.
Pinned 4801	"	Aleoptera, Nl. Aug. 11, '84.
4802	Lexington, May 29, 1882.	
4803	Do	~~Dead~~ Thrips from 4644, 12 Aug., 84. Blood.
4804	"	" " " " Fluids.
4805	"	Lep. larvae from blkberry leaves Nl. Aug. 12, '84. [illegible]. 4817.
4806	"	Hymenopterous ~~Hispa~~ larva mining " " " " " " 4810. Selandria, n. sp.
4807	"	Lep. leaf folder blkberry Nl. Aug. 12. '84, 4809.
4808	"	Lepidopterous larva, Blackberry. Nl. Aug. 12, 84. B.C. Both Probably Phor. comb. Dead
4809	"	" " " " " " " Dead
4810	"	Hymenopterous ~~Hispa~~ larvae, Blackberry " " " " Selandria, nsp.
4811	"	Flach. Freshly dead larvae from 4647 for sections. Aug 12, 84
4812	"	Slides " " " "
4813	"	Aphides from Crataegus tomentosa Bloomington Aug. 12. '84.
4814	"	Leaf miner " " " " " " "
4815	"	Phytoptus galls from hard maple " " " " "
4816	"	Galls (Cynips) on Oak. (Q. rubra). " " " " B.C.
4817	"	Larvae of ~~Ptecophoma~~ Plutella? on Blackberry. Nl, " " " B.C.
4818	"	Slide from 4740, 13 Aug., '84.
4819	"	Flach. Slides of fluids of dead larva from 4644 Aug. 13. '84.
4820	Kappa, Sept 23. 82	
4821	Do	Selandria cerasi from B. Buckman, Farmingdale. Aug 11, 84
4822	Lexington May 29, 82.	
4823	Hudson, May 30.	
4824	Do	Dipterous Larvae from excrement, Nl. Aug 13, 84. B.C.
4825	"	Fall web-worm? from Hackberry? Nl. July 25, 84.
4826	"	Leaf miner in Sonchus oleraceus, Nl. Aug 13, 84. B.C. Dead
4827	"	Pupa from Thistle, Bl. Aug 7, 84. B.C. Botis inaequalis?
4828	"	Flach. Larva from 4647 dead Aug. 14, '84.
4829	"	Burdock leaf-roller. Nl. July 28, 84. B.C. Botis gentilis, Grote.
4830	"	Moth from 4829 Botis gentilis, Grote.
4831	"	Slides from 4746 dead larva Aug. 14, '84.
4832	"	Slides of fluid from healthy cabbage worm pupa, Aug. 14, '84
4833	"	~~Coccidomyia~~ Larvae from Helianthus. Nl, Aug 13, 84 (stem gallo?) Diplosis helianthi Bulla
4834	"	Slide from dead larva from 4647 Aug. 12, '84.
4835	"	Slides " " " " " " " 13
4836	"	Slides " " " " 4745 " " "
4837	"	" " " " 4744 " " "
4838	"	" " " " " 4746 " " "

4839 Do | Slides from 4764, Aug, 13, '84.
4840 " | Slides from [illegible] from 4744. Aug. 13, '84.
4841 " | Larva + gall of Cecidomyia on leaves of Laportea canadensis, 4777.
4842 " | Parasites from Geotrupes splendidus, Me. Aug 14, 84.
4843 " | Moth from 4784. Cymatophora crepuscularia, Pack.
4844 " | Slide of fluid of dead larva from 4644 Aug. 13. '84.
4845 " | Cabbage worm inf. (infected) from worms in 4844 " 14 "
4846 " | Check on 4845 " " .
4847 Stonead, May 31.
4848 Do | Grape vine filbert gall (Cecidomyia) Me. Aug. 14, 84 B.C.
4849 " | Slides of dead larvae from 4744. Aug. 15, '84.
4850 " | Slides of fluid of dead larv. " 4644 " " "
4851 " | " " " " " " " 4746 " " "
4852 " | Cabbage Plusia from 4634 P. precationis, Guen.
4853 " | Parasite of Plutella cruciferarum from 4634
4854 " | Spilosoma virginica from 4634.
4855 " | Slides of fluid of dead larva of 4647 Aug. 15. '84.
4856 " | Spilosoma virginica from 4410
4857 " | Phoxopteris comptana " "
4858 Bloomington, May 31.
4859 Do | Parasite of Phoxopteris comptana from 4410.
4860 " | Slides of fluid of dead Datana larva from 4654 Aug. 15. '84.
4861 " | Pentatomidae from 4715 [illegible]
4862 " | Parasites from 1910 (Hym.)
4863 " | Freshly dead larvae from 4744, in alc. abs. for sections, Aug 15, 84.
4864 " | Almost " larva " 4647 " " " " " " " " "
4865 " | Hymen. parasites from 4749
4866 " | Leaf-roller from 4474 ?
4867 " | Parasites from 4474.
4868 " | ~~Datana angusi~~ from 1726. Agrotis bicarnea, Guen.
4869 " | Heliophila hadwega, prote. ~~phragmitidicola~~ from 2571.
4870 " | ~~Noctuid~~ from 2095. Datis inaequalis, Guen.
4871 " | Slides of dead larva from 4764 Aug. 16. '84.
4872 " | " " " " " " 4746 " " "
4873 " | Slide " " " " " " " " "
4874 " | Slides " " " " 4744 " " "
4875 Stonead, June 1.
4876 Do | Slides of fluids from dead larva of 4629 " " "
4877 " | Gortyna sp. from 2171 G. nebris, Guen.
4878 " | Platygaster leconii, Fitch Me. Aug. 16. '84.
4879 " | Moth from 1996 Plathypena scabra, Fab.
4880 " | Agrotis c-nigrum from 4391 ?
4881 " | Slides of fluids of cabbage worms. Killed by immersion in alc. Aug. 6.
4882 " | Parasitic hymenoptera + larva from 1323

	4883	Do	Scelodonta, from 1339.
Pinned	4884	"	Coleoptera from rotten cabbage Nl. Aug 18, 84.
	4885	"	Pulvinaria [innumerabilis?] (young) Buckeye, Nl. Aug 18, 84.
	4886	"	" " " Pilea pumila " " 19, "
	4887	"	" " " Silphium integrifolium. Aug 19, 84 B.C. Normal
	4888	"	Leaf-rollers on Grass. Nl. Aug. 19, 84. B.C.
	4889	"	Cecidomyia larvae in galls on Helianthus, Nl. Aug 19, 84. Diplosis helianthi
	4890	"	Aphides, all forms, &c, on Wild Parsnip. Nl. Aug 18, 84.
	4891	Champaign, June 5.	
	4892	Urbana. June 8	
	4893	Do	Aphides, all forms. Cirsium discolor, Nl. Aug 19, 84.
	4894	"	Larva living in pith of Ambrosia trifida, B.C. (Diptera) Nl. Aug 19, 84.
Pinned	4895	"	Epicauta pennsylvanica, sp. eating flowers of Silphium, Nl. Aug 19, 84.
	4896	"	Gortyna sp from stalk of Hemp. Nl. Aug 18, 84.
	4897	"	Insects from stalk of Cassia biennis, Nl. Aug 19, 84.
	4898	"	Tachina pupa, parasite of Gortyna ~~nitela~~ of Amb. trifida, Nl. Aug 19, 8
	4899	"	Gortyna nitela + nebris, Guen. Gortyna larvae from Ambrosia trifida, Nl. Aug 19, 84 B.C.
	4900	"	Apatela oblinita, emarginated, Nl. Aug 19, 84 B.C.
	4901	"	Philampelus achemon Sphinx larva feeding on Grape, from B. Buckman, Farmingdale Sel. Rec'd Aug 20, 84. B.
Pinned	4902	"	Parasites of Macrosila carolina, Rec'd Aug 20, 84 B.C. from. B. Buckman, Farmingdale
	4903	"	Burdock leaf-roller. Nl. Aug 18, 84. B.C. Dichelia sulphuriana Cl.
	4904	"	Cabbage worms ~~dead~~ sick of flacherie? from Mrs. Dodeno. Nl. Aug 18, 84.
	4905	"	Cecidomyia larvae, galls, & pupae. Bidens frondosa. Nl. Aug 19 84.
	4906	"	Parasites from 4809 (Hymenoptera).
	4907	"	Pieris rapae, adult, from experiment breeding cages, of cabbage worm.
	4908	"	Moth from 2274 Pyrrhia exprimens, Walk.
	4909	"	Parasite, Hymenopterous from 4827.
Pinned	4910	"	" " " 4902
	4911	"	" " " 4716
	4912	"	Moths from 2570 Heliophila harveyi? Grote.
	4913	"	Pupa found in cellar. Nl. Aug 22, 84. B.C. Dead
	4914	"	Wheat midge from Genesee Depot, Wis. July. ~~Latter part~~ 26. 1884. BC.
	4915	"	Hymenopterous parasite from 2504.
	4916	"	Gortyna sp from 2171 Gortyna rutila, Guen. & nebris, Guen.
	4917	"	Hymenopterous parasite from 1556.
	4918	"	Agrotis sp. from 1516. A. subgothica, Haw.
	4919	"	Tachina parasite of Apatela oblinita from 4412
	4920	"	Hymenoptera from 2460
Pinned	4921	"	" " 4779
	4922	"	Empty pupa cases from 2460
	4923	"	Belvichia galleasolidaginis from 1910
	4924	"	From fresh perch (a) 4th Lake, Madison, Wis., Aug 16. 84.
	4925	Urbana, June 9.	
	4926	Do	From [illegible] perch, 4th Lake, Madison, Wis., Aug 18, 84.

4927	Do.	From healthy perch.	4th Lake, Madison, Wis,	Aug 18, 84.	Thrown away
4928	"	Perch	" " "	" Aug, 84	
4929	"	Stomach + intestine of Perch about 18 hrs old, 4th	"	" Aug 15, 84.	
4930	"	3d haul, beyond reef, off Beardsley's pt, 12 to 12½ fath. Mud.	4th Lake,	Aug 21, 84	
4931	"	From perch about 4 hrs dead. (4949)	4th Lake, Madison, Wis,	Aug. 15, 84.	
4932	"	White Bass, from Landing	" " " "	" 19, 84.	Dead
4933	"	[illegible] perch From [illegible]	" " " "	" 18, 84.	
4934	"	Dying herring Slides destroyed 1939.	" " " "	" "	
4935	"	Perch	" " "	Aug, 84.	
4936	Champaign, June 9.				
4937	Do	From fresh perch (the tips of filaments slightly rubbed)	4th Lake, Madison Wis,	Aug 16, 84	
4938	"	From fresh perch (b)	4th Lake, Madison, Wis,	Aug. 16, 84.	
4939	"	" " " (a)	" " "	" "	
4940	"	Just dead perch	" " "	" 18 "	
4941	Leverett, June 18.				
4942	Do	White bass	4th Lake, Madison, Wis,	Aug 19, 84	
4943	"	3d haul, beyond reef, off Beardsley's Point, 12-12½ fath. Mud.	4th Lake	" "	21, 84
4944	"	Dying herring	4th Lake	" "	18; 84
4945	"	Healthy perch	" "	" "	21, 84
4946	"	" "	" "	" "	19 "
4947	"	Dead perch	" "	" "	21 "
4948	"	From stomach of fresh perch (a) [well filled]	" "	" "	16 "
4949	"	Food of perch about 4 hours dead	" "	" "	15 "
4950	"	Dead perch	" "	" "	14, 84
4951	"	" "	" "	" "	" "
4952	"	" "	" "	" "	" "
4953	"	Sick perch	" "	" "	15 "
4954	"	Food of sick perch	" "	" "	17 "
4955	"	" " dead "	" "	" "	16 "
4956	"	" " "diseased" "	" "	" "	15 "
4957	"	Dead perch	" "	" "	14 "
4958	"	" "	" "	" "	" "
4959	"	Healthy perch	" "	" "	21 "
4960	"	" "	" "	" "	" "
4961	"	From intestine of fresh Perch (b) Stomach empty	" "	" "	16 "
4962	"	Healthy perch	" "	" "	21 "
4963	"	" "	" "	" "	19 "
4964	"	" "	" "	" "	21 "
4965	"	" " Little food	3rd Lake	" "	18 "
4966	"	" "	4th Lake	" "	21 "
4967	Urbana, June 12				
4968	Sorghum plant lice, from Sorghum		Champaign	25 Jl, 83	
4969	Plant lice on Panicum, Sorghum field,		"	"	
4970	Coccinellidae, from Co. Sorghum field		"	"	

4971 Larvae of Magdalus amicoalis from dying elm trees, Elkhorn, 25 ft, 8 3.
4972 Stem of Sorghum, just above root, Elkhorn, 25 ft., 8 3.
4973 Among roots of Sorghum, Champaign, 25 ft, 83
4974 Diabrotica larvae. Roots of corn " "
4975 Sorghum roots + larvae " "
4976 Eggs, blade of Sorghum " " B. C.
4977 Healthy perch. 4th Lake, Madison, Wis. Aug. 21, 84.
4978 " " " " Slides destroyed 1939
4979 From Perch about 6 hrs. dead, in abs. alc. " " " " 15, "
4980 " " " " in alc. " " " " " "
4981 1st haul, off landing, 8-9 ft. Sand, Nitella. " " " " 21 "
4982 Mud from bottom of lake, in alc. " " " " Aug. 21 84
4983 2nd haul. 2 fath - 2 fath, 1 ft. Rock. " " " " Aug 21, 84
4984 From dying perch " " " " 18 "
4985 Slides from 4979 Slides destroyed 1939
4986 1st haul, off landing, 8-9 ft. Sand, Nitella. 4th Lake, Madison, Wis. Aug. 21, 84
4987 From dying herring " " " " " 18, "
4988 Food of healthy perch, from near shore " " " " 19 "
4989 from bottom of lake, dry " " " " Aug., 84.
4990 Just dead perch " " " " Aug 18, 84

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5001 Cobden, Mar. 5, 1882. Coll. F. S. Earle.
5002 Do Perch about 20 hrs dead, 4th Lake, Madison, Wis Aug 17, 84.
5003 " Larvae of Philampelus ~~achemon~~ satellitia Grapt + Diplosis. Ml. Aug 26. 84.
5004 " Blood of healthy perch. Chicago, 27 aug., 84.
5005 Cobden, Apr. 1, 1882.
5006 Do Bacteria from glanders, Bl. Aug. 28. 84.
5007 " Stomachs + intestines and parasitized livers of [illegible], Chicago, 27 Aug. 84
5008 " Stomach + intestine of pike-perch " " " "
5009 " Larva of Gortyna ~~nitela~~ from 4899
5010 Cobden, Apr. 16,
5011 " Cecidomyia stem galls on Bidens frondosa, Ml. Aug. 28, 84. B.C.
5012 " Pupae + gall from 5011
5013 " Parasites of Sphinx catalpa, Mt. Carmel, Aug 26, 84. B.C.
5014 " Larvae " " " " " " " "
5015 " Pupae, larvae + parasites of 4889. Diplosis helianthi-bulla?
5016 " Larva + gall of Silphium integrifolium, Ml, Aug 29, 84.
5017 " Cecidomyian stem galls on Helianthus sp " " " " B.C. Diplosis helianthi
5018 " Muscid from 4824
5019 Anna, Apr. 29.
5020 Do Pupa cases from 4824.
5021 " Diptu from 1707
5022 " Tachina from 4708
5023 " Cecidomyia sp from 4889 Diplosis helianthi-bulla?
5024 " Hymenopterous parasites of Tachina parasite of Gortyna of reared from 48

Priced

5025 Do | Plutellas? from 4817.
5026 Anna, May 24, 1882.
5027 Anna May 28.
5028 Anna June 8.
[illegible] Saturnia io larvae from corn. Effingham, Aug. 21, 1884.
Pinned [illegible] Calopterus differentialis " " " " " "
[illegible] Orchelimum vulgare " " " " " "
5032 Blissus leucopterus " " " " " "
5033 Calopterus bivittatus " " " " " "
5034 Conocephalus sp. " " " " " "
Pinned 5035 Orthoptera " " " " " "
" 5036 Coleoptera &c " " " " " "
5037 Hæmatopis grataria from chickweed (larvae " " " " "
5038 Insects from corn " " " " "
5039 Epicauta cinerea from Physalis " " " " "
5040 Acridium emarginatum(?) " " " " "
5041 Insects. Equality, Sep. 1, '84.
Pinned 5042 Fishes. S. fork Saline R., Equality Sep. 1, 84.
✓ 5043 " Moon pond. Ind. side Wabash R. Mt. Carmel, Aug. 28, 84
5044 Insects &c. Lit. Wabash R., Flora, Aug. 22, 84.
5045 Acridium americanum, Anna, Sep. 5, '84.
5046 Mestobregma cincta " " " "
5047 Acrididae " " " "
med. 5048 Sweepings from wheat fld. & about stacks wheat. Anna, Sep. 6. '84.
5049 Phytoptus galls from Nyssa multiflora, Jonesboro, Sep. 6. '84.
med 5050 Misc. insects Jonesboro, Sep. 6. '84.
5051 Aphis maidis (aerial form) Corn. Anna, Sep. 5, '84.
Pinned 5052 Lygus lineolaris. Wheat fld Carbondale, Sep. 7, '84.
5053 Cal. rapidus " " " " " "
Pinned 5054 Misc. insects " " " " " "
5055 Aphides from blkberry leaves Anna, Sep. 6. '84.
✓ 5056 Fishes. Lit. Wabash R., Flora, Aug. 22, 84.
✓ 5057 " Great house Cr. Mt. Carmel, Aug. 27, '84.
✓ 5058 " Embarras R. Charleston, Aug. 19, '84.
✓ 5059 " Lit. Wabash R. Effingham Aug. 20. '84.
5060 Rap Fishes, Rapids Wabash R. Mt. Carmel, Aug. 26. '84.
5061 Fishes &c. Pond Ind. side Wabash R. Mt. Carmel, Aug. 27, '84.
5062 Sphinx catalpae, Ind. side Wabash Mt. Carmel, Aug. 27, '84.
5063 Acrididae. Metropolis. Sep. 4, 84.
5064 N. fork Saline R. Equality Sep. [illegible] '84.
5065 S. fork " " " " " "
5066 Rapid pond. St. Francisville, Aug. 24. '84.
5067 Swan " " " " " "
[illegible] Wabash or Moon pond Ind. side Wabash R. Mt. Carmel, Aug. 27. '84.

5069 Bayou . St. Francisville, Aug. 23. '84.
5070 Dani pond. Ind. side Wabash R. Mt. Carmel, Aug. 26. '84.
5071 Leaf-miners in Morning Glory, Nl. Sept 11 & 12, 84. B.C.
5072 Larvae from 5071
5073 Work of leaf-miner in Apple. Nl. Sept 10, 84.
5074 Slide from dead cabbage worm from 5265, 12 8. 84
5075 " " " " " "
5076 " " " " " "
5077 " " " " " "
5078 " " " " 5102 "
5079 " " " " " "
5080 Parasites of 5071. Nl. Sept 12, 84. B.C.
5081 Pupa from 5080
5082 Cocoons of 2555. Cucullia asteroides, Guen.
5083 Formicidae from rotten wood—winged, wingless, & pupae. Sept 3, 84
5084 Long-horned Phanaeus carnifex. Nl. Aug, 84.
5085 Hymenopterous parasite from 5013
5086 Oatmeal inhabited by Lepidoptera (Ephestia interpunctella, Hübn) & Coleoptera. Nl. Sept 10, 84 B.C.
5087 Silvanus from 5086
5088 Larvae of lepidopter from 5086 Ephestia interpunctella, Hübn
5089 Pupae & cocoon from 5086 (lepidopter). Ephestia interpunctella, Hübn.
5090 Moths from 5086 Ephestia interpunctella, Hübn.
5091 Tenebrio? larva from 5086
5092 Parasite from 4817 — of the "Plutella"??
5093 Gortyna sp from 4899 Gortyna nitela, Guen.
pinned 5094 Chalcid parasites from 4889
5095 Insects from galls in 4889
5096 Hymenopterous leaf-miners from 4816 Selandria n. sp.
5097 Moths from 4788 Macrosila carolina, L.
5098 Cecidomyias from 5011
pinned 5099 Rhynchophora from 5011
5101 Flies from 5269
5101 Pteromalus puparum from 5251
5102 ~~200 cabbage worms on 10 heads. Vincennes field, reared with 4762~~ ~~Larva from 4744. dead in B.C.~~ Sept. 8, 84
5103 ~~Pupae from 5266~~ Check on 5102, Sept 8, 84
5104 Moth from 4747 Macrosila quinquemaculata, Steph.
5105 Parasites (hymenopterous) from 4888.
5106 Larva of cabbage worm, dead in 4744 (Slide from)
5107 Pupae from 5266. Plusia brassicae.
5108 Larvae from 4782
5109 Tremex columba from 3541.
5110 Raspberry cane, with eggs of Oecanthus nivens, from 1698
pinned 5111 Hymenopterous parasites from 5267
5112 From dead larva of cabbage worm from 5265, 17 Sept '84.

5113 Slides from dead pupa from 5103, Nl. Sept. 19, 84.
5114 " " " " " " " " " another specimen.
5115 " " larva " 5102 " " "
5116 " " living larva from 5102, 19 S., 84.
5117 Larvae of Pempelia hammondi, Apple, Augustine's Nursery. Nl. Sept 17, 84
5118 " " " " " " " " " " B.C.
5119 Larvae of leaf-miner " " " " " " " B.C.
5120 Larvae from 5119.
5121 " of Cacoecia rosaceana " " " " " " " " B.C.
5122 " " Spilosoma " " " " " " " " B.C.
5123 " " Spilosoma virginica, German Dvg; Bl. Sept 18, 84. B.C.
5124 Spider, Nl. Sept 19, 84. Mrs. Col. Cook.
5125 Carabid from 2170
5126 Gortyna sp. from 4899 G. nebris, Guen.
5127 Pupae. from Quercus rubra, date & loc. unknown. B.C.
5128 Larvae of Isosoma sp in Wheat, from A. J. Cook. Sept 17, 84.
5129 Larva from 5128.
5130 Larva from 5123.
5131 " " of Teras malivorana, Nl. Sept 17, 84. Apple in Augustine's Nursery Vera. B.C.
5132 Parasites (hymenopterous) " " " " " " " " B.C.
5133 Slide from partly pupated larva. 5102. 20 S., 1884.
5134 " " dead pupa " "
5135 Larva of Wheat Saw-fly, Marshall, May 22, 84.
5136 Larvae of Isosoma (+ pupa ~~imago~~) " " " "
5137 Slides of fowl brood from Shelby, Mich. 4 Sept 23, 84.
5138 Aleurodes adult from leaves of soft maple Aug. 4, '84.
5139 Parasites on 5138 (new?) Sep. 6. '84.
5140 Parasites re. of Pulv. innumerabilis Aug. 13 – 1884.
5141 Entomophthora calopteni (?) from dead C. differentialis Godfrey, Sep. 25, '84. Slides
5142 E. " " in " " " " " "
5143 E. calopteni mounted from material rec'd. from Osborn
5144 Pieris protodice, larva, Cabbage, Godfrey, Sep. 25, '84.
5145 Cabbage Aphis, Godfrey, Sep. 25, '84.
5146 Aphis maidis " " " "
5147 Siphonophora minor, Strawberry, ~~Upper~~ Alton ~~Godfrey~~, Sep. 25, '84.
5148 Systena blanda " " " " " " "
5149 Bythoscopis siccifolius " " " " " " "
5150 Paria aterrima " Godfrey & " " " " " "
5151 Siphonophora sp. roots & petioles " " " " " "
5152 Heliothis armigera, larva " " " "
5153 Epitrix sp. from Egg plants " " " "
5154 Didrepha coccinea " " " " " " "
5155 Lasius aphidicola winged individual. Champaign, Sep. 22, '84.
5156 Hemiptera from purslane. Godfrey, Sep. 20 '84.

5157 Agrilus ruficollis, larva, from raspberry cane, Upper Alton, Sep. 25, '84.
5158 White grubs. Strawberry bed N. Alton, Sep: 25, '84.
5159 Slides from 4764, Aug. 16, '84.
5160 " " 4746 " 18 "
5161 " " 4744 " 22 "
5162 " " 4644 " 16 "
5163 " " 4744 " 21 "
5164 " " 4746 " 16 "
5165 " " 4746 " 21 "
5166 " " 4746 " 22 "
5167 " " 4764 " 22 "
5168 Galls of Phytoptus quadripes, Ml. M. Oct. 21, '83.
5169 Insects. Anna, July 14. '84.
5170 Phytoptus galls from leaves of grafted willows in nursery July 25, '84.
5171 Silkworms dead of flach. recd. from J. J. Burrill, Aug. 15, 1884.
5172 Plant lice from Lonicera flava Mt. Carmel, June, 1884, Dr. J. Schneck (Nest?)
5173 " " " " " " " June 28 " " " " "
5174 Phytoptus galls on leaves of box elder, Ml. June 14, '84.
5175 Hydrophilus triangularis egg cases. Univ. pond Ml. May 1876.
5176 Misc. insects. Ml. 1884.
5177 Undroptus n. sp. ♀. from leaves of verbena, Champaign. From J. J. Burrill.
5178 ~~Flask~~ Slides of fluids of sick silkworm. Champaign, July 23. '84 "
5179 Ohio R. Metropolis Ill. Sep. 5, '84.
5180 Lit. Wabash R., Carmi, 1884.
5181 ~~Flask~~ Buf inf. infected wi. fluids of sick c. worm Oct. 3, '84 test tubes
5182 " " " " piece of decomposing c. worm " " flask
5183 " Slides from same as 5181
5184 " " " " " 5182
5185 Parasitic fungus? in greenish strands on dead cabbageworm Oct. 3, '84. Slides.
5186 Flask. Slides from 5181 Oct. 4. 84 7 P. M.
5187 " " " 5182 " " " " " " "
5188 Ml. Sept 27, 84. Insects. Chaerocampa tersa L.
5189 " " " Orc Nephla. Lepidoptera
5190 Insects, Ml. Aug. 84 Botis gentilis, Grote. & Arctia phalerata, Harr.
5191 " " Sept 1, 84 Chaerocampa tersa, L.
5192 " " " 22 " " " " "
5193 ~~Ml. "Sept"~~ " 84 Determined Lepidoptera acopis cretalis
5194 " " 1884 " " &c. Nomophila noctuella
5195 Plusia brassicae from 5266
5196 Philampelus achemon L. from 5003
5197 Larva with green muscardine (white when coll.) among clover & grass, ~~Sept 8~~ Oct 1
5198 Cocoon of 5244
5199 Pupa case of 2251
5200 Carabid with muscardine. Bl. Oct 19, 84.

5201 Oglesby, Ill., June 15, 1882.
5202 Do. Hymenopterous parasite (Ichneumonidae) from 1910
5203 " Cecidomyia galls on Rose. Nl. Aug 29, 84. B.C.
5204 " Larvae from 5203
5205 Oglesby, June 16.
5206 Do Cynips from terminal galls of Silphium perfoliatum from 1434
5207 " Galls of Diastrophus cuscutaeformis from 1536.
5208 " Nl. Aug 30, 84.
5209 " ? Plutellas from 4808
5210 " Larva of Apatela americana? Nl. Aug 27, 84. B.C. E
5211 " Injured strawberry leaves from Wm. Jackson, Godfrey, Ill. Aug. 84
5212 " Scelodonta nebulosus from 1707
5213 " Cyrtis erosa, two "couples". Nl. Aug 31, 84.
5214 " Sweepings. (Aug 30, 7 P.M. Nl.
5215 " Insects, Nl. Aug 31, 81
5216 " Larvae of Cynips from one gall (terminal) on Sil[illegible] perfoliatum. Nl. (Aug 31, 84
5217 " Inquiline lepidopterous larvae in sa[illegible] C. Nl. Aug 31, 84. B.C.
5218 Oglesby, June 17.
5219 Do. ~~Chalcis~~ "Inflating Chalcis fly" (Pteromalus sp.) pa[illegible] from 1910
5220 Mendota, June 19.
5221 Do Miscel. insects from 1707 Paria sexnotata, var 4-notata, Say.
5222 " Aphis rumicis? on Amarantus retroflexus, Nl. Sept 1, 84. Evidently colonized then
5223 " Dead larva infested with mites [illegible]
5224 " Tachina fly from 4899
5225 " Parasites of Tachina (hymenopterous) from 4899
5226 " Ichneumonid parasites from 5011.
5227 " " " " 4889.
5228 " Hymenopterous parasites from 4889.
5229 " Cecidomyia sp. from 4889. Diplosis helianthi-bulla?
5230 Marseilles, June 19.
5231 Do Hymenopter from 2114 (parasite?)
5232 " Hymenopterous parasites of Macrosila carolina. J. C. Elder, Swanwick, Aug 1, 84 Ill.
5233 " Pupa cases of Chilocorus bivulnerus, Apple bark. Sept 1, 84. Ill.
5234 " Hymenopter and Rhynchophorous beetle from 2122 Anthonomus suturaliscus
5235 " Slides of liver of 4979.
5236 " Gortyna sp from 2171 G. nitela, Guen
5237 " Ichneumon parasites from 2256
5238 " Moth from 2256. ?
5239 Marseilles June 20.
5240 Do Cecidomyia sp. from 5017 Diplosis helianthi-bulla?
5241 " Blacus sp from 5232.
5242 " Hymenopterous parasites from 2300
5243 " Ceramica picta from 2321
5244 " Ichneumon [illegible] from 2321

5245 Marseilles, Ill., June 20, 1882
5246 Seneca, Ill., June 20, 1882
5247 Marseilles, Ill., June 20, 1882
5248 Seneca, Ill., June 20, 1882
5249 Do | Hymenopter from 2506
5250 Marseilles Ill., June 20. 1882
5251 Do | Larvæ feeding on Amarantus retroflexus, Nl, Sept 1, 84. B.C.
5252 Marseilles, Ill., June 21, 1882
5253 Do | From vent of just dead l. of Dat. ministr., fm B.C. 4654. 4
5254 " | Sick larva of Datana ministra from 4654. Sept 4, 84.
5255 " | Crane fly from 5011
5256 " | Braconid parasites from 5011.
5257 " | Coleopter from ~~3567~~ 3576
5258 " | Parasitic hymenopter from 3714
6259 " | Tachina sp. from 3862+3866 Tachina anonyma, Riley
5260 " | Hymenoptera from 3740 (parasitic)
5261 " | Pupa from 5014
5262 " | Moth from 4466 Lophoderus velutinana, Walk
5263 " | 25 larvæ of Pieris rapæ, Vicksrop patch, Nl. Sept 6, 84. Check on 5265. B
5264 Normal, Ill., June 19, 1882 Coll. Hart
5265 Do | 25 larvæ of Pieris rapæ, Vicksrop patch, Nl. Sept 6, 84. Treated with 4762, 6
5266 " | Larvæ of Plusia brassicæ " " " 8 " B.C. on Brassica Cabbage
5267 " | Larvæ, pupæ, + hym. parasite (cocoons) of Desmia maculalis, Anna. Sept 6, 8
5268 " | Two covers from 4762, Sept 6, 84.
5269 " | Dipterous larvæ in rotten wood, Nl, Sept 3, 84. B.C.
5270 " | Lepidopterous larva in gall of Cynips of Silphium, Nl. Aug 31, 84. B.C
5271 " | Melanoplus picipes, Oct, 84.
5272 " | Liver of perch, Chicago, Sept 5, 84.
5273 Decatur Ill., June 20, 1882. Coll. Forbes.
5274 Normal, Ill., June 23, 1882
5275 Do | Slides of fluids from dead + blackened l. from 5265, 11 S., 84
5276 " | Section from 4736
5277 " | Slide from 5265, S 15-84
5278 Normal, Ill., June 24, 1882.
5279 Bloomington, Ill., June 24, 1882
5280 Do | = 5277, and lva.
5281 " | Laphygma frugiperda, larvæ, Tremont, Oct 9, 84. B.C.
5282 " | Mich. Slides from 5181 Oct. 21 '84.
5283 " | " " " 5182 " "
5284 " | Drosophila ampelophila, in Grapes. Moline, Oct 10, 84 B.C.
5285 " | Muscardine, larva on Willow. Ne. Oct 19, 84
5286 " | Bostrichus bicaudatus in ~~Bor~~ Apple. Benj Nebraska, Oct, 84
5287 " | Pear twig, injured by something. Benj. Buckman, Farmingdale, Oct, 8
5288 " | Entomostraca Minneapolis, Minn. August, 1883.

5289	Camp Point, Ill.,	June 26, 1882.
5290	Do	Crawfishes; no date or loc.
5291	"	Planorbis bicarinatus " " " "
5292	"	Ants " " " "
5293	"	Larvae (lepidopterous) " " " "
5294	"	Miscellaneous insects " " " "
5295	"	Ascaris " " " "
5296	"	Schizoneura lanigera, Champaign, Oct, 84.
5297	"	Spiders. Ne. Oct. 84.
5298	"	Parasites of Sphinx 5-maculatus, Godfrey, Sept 25, 84
5299	"	Cocoons of 5298
5300	Camp Point, Ill.,	June 27, 1882
5301	Do	Imago from 5298
5302	"	Laphygma frugiperda, larvae, Leslie, Oct. 10, 84
5303	"	Lepidoptera from lvs of vol. oats in wheat field, Leslie, Oct 10, 84.
5304	"	Larvae ~~of Laphygma~~ from wheat field, on oats stubble. Topeka, Oct 11, 84.
5305	"	Miscel. Insects. Leslie, Oct 10, 84
5306	"	Two small + light-colld larvae. Leslie, Oct 10, 84. Wheat field.
5307	"	Diabrotica long.-tc from "rusty" oats in wheat field. Leslie, Oct. 10, 84
5308	"	Carabidae from infested wheat fields. Leslie, Oct 10, 84.
5309	"	Larvae of Laphygma frug. from wheat. Leslie, " " "
5310	"	Red Spider on lvs of Wild Parsnip, " " " "
5311	"	Laphygma frug. larvae, Leslie, Oct. 10, 84. B.C. Wheat field
5312	"	" " " Pekin " " " " " "
5313	"	" " pupae. Topeka " 11, " " "
5314	"	" " imago, found emerged Oct. 28 from pupa coll. Pekin ~~Leslie~~, Oct 10, 84
5315	"	" " pupae. ~~Pekin~~ Topeka, Oct 11, 84. B.C. Wheat.
5316	"	" " " Topeka " 11, 84 B.C. with 5315 "
5317	"	Prionus laticollis, Bloomington, Oct 19, 84. Under log.
5318	"	Lep. larvae feeding on Agrimonia eupatorioides, Bloomington, Oct 19, 84.
5319	"	Miscel. Insects, Bl. Oct 19, 84. The land ho. from under bark + logs.
5320	Quincy, Ill.,	June 28, 1882.
5321	Do	Vespa maculata ♀, in cells under logs. Bl. Oct 19, 84.
5322	"	Larvae, parasitic larva, + galls of Cecidomyidae ~~case~~ Aster sp. Bl. Oct 19, 84.
5323	"	Ant from empty gall of Lelachia gallaesolidaginis, on S. canadensis. Ne. Oct 29, 84.
5324	"	Larva + galls, on lvs of Solidago canadensis. Ne. Oct 29, 84.
5325	"	Insects from matted lvs of Cec. gall on S. canadensis Ne. Oct 29, 84 (Te. ima
5326	"	Miscel. Insects. Topeka, Oct 11, 84.
5327	"	Pulvinaria innumerabilis, Rathv. (on twigs) Ne. Oct. 30, 1884.
5328	"	Phytoptus galls from cult. willow. " " " "
5329	"	Misc. insects from corn " " " "
5330	"	Mollusk at roots of " " " " "
5331	"	Diabrotica longic. (eggs) from corn. " " " "
5332	"	Lasius flavus ♀ ♂ pupae + larvae " " " "

5333 Do — Aphis malifoliae, Fitch, viv. ♀ from apple trees in nursery Ill. Oct. 30, 1884.
5334 " — Aphis maidis Aerial form / Wingd + wingless vivip. females in alc. Ill. Oct. 30, 84.
5335 " — Larvae of Aphidius of Aphis maidis. Ill. Oct. 30, '84.
5336 " — Mermyza americana larvae from rye Ill. Oct. 31, '84.
5337 " — " " " in rye " " " " " B. C.
5338 " — Dipterous larva from corn stalk, Ill. Nov. 1, '84. Same as 5339
5339 " — " larvae " " " " " " " " B. C.
5340 " — Hym. parasite of Aphis maidis. Ill. Nov. 1, 1884.
5341 " — Pachyprosopha celtidis-mamma, Riley, adults pinned, Champaign, Sept. 19, 84.
5342 Quincy, Ill., June 29, 1882.
5343 Do — Grasshopper eggs taken from midst of grass in corn field Ill. Nov. 7,
5344 " — " " " " " " " " " " " " " " " "
5345 " — Noctuid larva from under rubbish in corn field " " " "
5346 " — Aphis maidis, winged vivip. females Ill. Nov. 8, '84 Kept in Lab.
5347 " — Agrotis c-nigrum ~~Cut worm~~ from #445
5348 " — Pissodes strobi from 1327
5349 " — Aphis malifoliae wingless vivip. females & their eggs Ill. Nov. 17, 1884.
5350 " — Hibernating insects. Ill. Nov. 7, 84.
5351 " — Misc. ins. Champaign Oct. '84.
5352 " — Aphis maidis? Not maidis Wingd vivip., pupa & one wingless On grass Ill. Nov. 18, 84
5353 " — Siphonophora avenae, apterous vivip females, larvae & winged ♀ from oats. Ill. Nov. 16.
5354 " — " " " " " " from blue grass " " "
5355 " — Prionus laticollis larvae from sod infield with gl poplars, Oswego, Ill. Nov. 1884.
5356 " — ~~Apt~~ Schizoneura panicola from roots of grasses in corn fld. Ill. Nov. 19, '84.
5357 " — ~~Hym.~~ par. of Aphis maidis emgd Nov. 20, '84.
5358 Quincy, Ill., June 30, 1882
5359 " — Aphis maidis embryos & par. from body of dead alate female Ill. Nov. 20, 84.
5360 " — Misc. insects. Ill. Nov. 20, '84.
5361 " — Aphides, winged vivip. from timothy, Ill. Nov. 20, 84
5362 " — Lasius aphidicola (?) winged Ill. Nov. 20, 84.
5363 " — Chaitophorus sp. swept from ~~timothy~~ meadow (mostly timothy) Ill. Nov. 20,
5364 " — Noctuid larvae resembling those of Leptysma from blue grass & timothy. Ill. " "
5365 " — Fishes, Certain creek, shallow rocky, Quincy, Nov 15, 84.
5366 " — " [illegible] water at mouth of Game creek " " 14, "
5367 " — [illegible] Shells, [illegible], Quincy, Nov 14, 84.
5368 " — [illegible] gyrus isogonus, Miss. River, Quincy, Nov. 19, 84.
5369 " — Entomostraca, Pools on sand-bar in midst of river, not long out of water, Quincy Nov
5370 " — Entomostraca, Towing net, in slough, 4-6 ft. in sun & shadow, Quincy, Nov 14,
5371 " — " " " Quincy bay, 15-20 ft. sunny, Nov 14, 84.
5372 " — " " " Miss. River, deep, running water, Quincy, Nov. 14, 84. before
5373 " — " " " Quincy bay, 2-3 ft. sunny, Nov. 14, 84
5374 Fall Creek, Adams Co., Ill., July 1, 1882
5375 " — Chilocorus bivulnerus, hib. on walls, fences trees, etc. Quincy, Nov. 17, 84
5376 " — Dipterous larva from leaf of wheat, Paloma, Ill., 1884.

5377	Do	Fungus on rose twig. Quincy, Nov. 17, 84.
5378	"	Diaspis rosae on rose, " " " "
5379	"	Larva from 1707 : Emphytus maculatus
5380	"	From drift wood + live at obstruction in slough. Quincy, Nov. 14 + 15, 84. Insects
5381	"	Hibernating insects, Bl. + Quincy. Nov. 84. (Accidentally mixed).
5382	"	Sweepings from grass + weeds, Quincy, Nov. 15, 84.
5383	"	Gyrinus sp., larvae + pupae, from cinder cells at edge of ratt. Quincy, Nov. 14,
5384	Camp Point, Ills.	July 3, 1882.
5385	Do	Cells of 5383, made of fine cinders, cemented.
5386	"	Gyrinus sp. from mud cells on under sides of boards, 3-4 ft above + over water. Dragoon bed
5387	"	" " do. pupae of same, put in alc, Nov. 22., Quincy, Nov. 14, 84 " " " "
5388	"	" " " larvae " " " " " " " " " "
5389	"	" " cells " " " " " " " " " " "
5390	"	" " parasite + its cell " " " " " " " " "
5391	"	" " larva + pupae, put in alc when coll, same situation " " " "
5392	"	[illegible] larvae from among floating drift in shallows [illegible] Nov. 1-1884
5393	"	Insects from under leaves on ground. Bl. Nov. 2, 84.
5394	"	Dermestes, from collections in Laboratory. Oct, 84.
5395	"	Myriapoda from roots of corn, Babylon, Fulton Co., Ill. M. Gardner. Nov 5, 84
5396	"	Moths, Laphygma frugiperda, from 5315
5397	"	Lepidopterous larvae from 1910 Tineidae
5398	"	Pupa + cocoon from 4710 Euchaetes egle
5399	"	Pupa from 4782
5400	"	Moths (Plutella?) from 4809
5401	"	Parasite from 4809
5402	"	Pupa + cocoon from 4809
5403	"	Myriapoda from Cuba, Ill.
5404	"	Gortynas from 4899
5405	"	Moths from 5071
5406	"	Parasites from 5071
5407	Camp Point, Ills.	July 5, 1882.
5408	Do	Larva from 5086
5409	"	Leaf [illegible] 21.
5410	"	[illegible] " 22.
5411	"	[illegible] pupa from 5122
5412	"	[illegible] a from 5128
5413	"	Hymenopterous parasites from 5132.
5414	"	Larva found eating dried blackberry leaves, in breeding w[illegible] 28 4. Tineid?
5415	"	Pupa from 5119
5416	"	Pupae from 4654
5417	"	Pupae of Tineid similar to the Apple leaf-crease[illegible] (5119) Nl. November 84 Honeysuckle Lenox 8.C
5418	"	Pupa from 5417
5419	"	Larvae of Ecpantheria scribonia, Nl. Oct. 84.
5420	"	Larvae of Eacles imperialis, Nl. Sept. 84

Pinned	5421	Tipula ampelophila from 5284
	5422	" Tachina sp. from 5311
	5423	" Schizoneura sp? from roots of burdock from Buckman of Farmingdale Nov.
	5424	" Eggs in frass lines on white pine from Buckman, Frig. Nov 25, 84. C
	5425	La Prairie, Ill., July 6, 1882
	5426	Do Corn roots, affected by Aphis maidis, Babylon, Ill, Nov 28, 84.
Pinned	5427	" Anthrenus scrophulariae? From insects at State Mus. Springfield Dec. 25,
	5428	" Tinea (Ephestia) interpunctella From corn brot in by Prof. Morrow Champaign Dec. 30,
	5429	" Corn injured by 5428, Dec 30, 1884, B.C.
	5430	" Cecidomyia? from B.C. 2215
	5431	" Hymenopterous larvae under bark in dead stems of Silph. laciniata Ch. Jan 4, 85 B.C.
	5432	" Dipterous larvae from stem galls on ———— Ch. Jan 4, 85, B.C. Dried
	5433	" Larvae from 5431.
	5434	" Larvae " 5432.
	5435	" Gall of Diplosis helianthi-bulla? same as 5017. Champ'gn, Jan 4, 85
	5436	" Young Acrididae from flower-pot, Feb. 27, 85 Hatching.
	5437	" Hymenoptera & Diptera, [illegible]
	5438	" Coleoptera, [illegible]
	5439	" Dissosycha limbicollis, [illegible]
	5440	" Acanthoptera, [illegible]
	5441	" Orthoptera, [illegible]
	5442	" Miscel. insects, [illegible]
	5443	" Hibernating insects from [illegible], Quincy March 10 & 14, 85
	5444	La Prairie Ill., July 7, 1882
	5445	Do Hymenoptera, from House, Mar. 6, 85, Quincy.
	5446	" Hibernating insects, Mch 24 & 28, 85, Quincy
	5447	" Miscel. Insects, Warsaw, June 26 & 27, 83 Sp. Cat. 965
	5448	" " " Paloma, Ill. July 24, 83, Adams Co.
	5449	" " " " " Fall of '83 " "
	5450	" Uplands, Quincy, June 11-30, 83 Miscel. Insects.
	5451	" Miscel Insects, aquatic, from creeks, June 11-30, 83, Quincy Ill.
	5452	" " Lowlands, Quincy, June 11-30, 83
	5453	" Dipterous larvae & their cases, Bear Creek, Quincy, June 30, 83
	5454	Camp Point, Ill., July 10, 1882.
	5455	" Algae, Bear Creek, Quincy, June 30 83
	5456	" Aquatic Insects, Mississippi R. Quincy, June 11-27, 83
	5457	" Quincy Bay, Towing net, June 28, 83. 10 P.M.
	5458	" " " " " " " " " 4 P.M.
	5459	" Algae, Bear Creek, Quincy, June 30 83
	5460	" Quincy Bay, Towing net, June 28, 83. 7.30 P.M.
	5461	" Larvae &c, 5457 & 5460
	5462	" Crustacea, Quincy Bay, Towing net June 11, 83, 7.30, P.M.
	5463	" Miscel. Insects, Uplands, Quincy, June 11-30, 83
	5464	" [illegible]

5465	Do	Miscel. Insects, Lowlands. Quincy, July 3-12,
5466	"	" " Pond in bottoms. South Quincy July 12, 83
5467	"	Cedar Creek, Quincy, July
5468	"	" " " 2 " 10 " " " "
5469	"	Quincy Bay, Dipping Net, July
5470	Normal, Ill., July 3, 1882, Coll. Hart.	
5471	Do	Quincy, Quincy, Dipping Net July 5, 83 6. P.M. Dried out + mouldy
5472	"	Pond in bottoms. Quincy, July 6. 83, 4-6 P.M.
5473	"	Trough at spring. " " " 12, 83
5474	"	Pool in stream fed by spring just above, Quincy, July
5475	"	Miscel. Insects, Uplands, Quincy, Aug 2-12,
5476	"	Quincy, Larvae, 1883
5477	"	Hibernating [illegible] Quincy, West Quincy,
5478	Camp Point, Ill., July 10, 1882	
5479	"	Leaf [illegible]
5480	"	" mine: Hyalopteroides, Ch. " " " 10.
5481	"	Larvae from 5480,
5482	"	Miscel. Ins. Ch. May 8, 83
5483	"	Notodelphys Allmanii, R. Ramsay Wright, Toronto Canada Nov 14,
5484	"	Notoplana [illegible] From " " " " " "
5485	"	Dorophygus gibber Tunicates " " " " " "
5486	"	Mytilicola meticiensis, from the long clam, R.R. " " " " " "
5487	"	Bibio, from blue grass. Normal. May 9,
5488	"	Larvae, &c. fd in digging garden. Ch. Apr 1-15, 85.
5489	"	Miscel. Insects, Urb. Apr. 5, 85.
5490	"	" " Urb. " 19, 85.
5491	"	" " " " 21, 85
5492	"	Nematus ventricosus, Gooseberry, Ch. Apr. 23, 85
5493	"	Graptodera chalybea, Grape, Urb, Apr. 24, 85, F. J. Burrill
5494	"	Miscel. Ins Urb. Apr. 26, 85, Passalus cornutus.
5495	"	Nematus ventricosus, Gooseberry, Ch. May 3, 85. Imagos
5496	"	" " " " " " "
5497	"	Miscel. Insects, Champaign, May 1-10
5498	Camp Point, Ill, July 11, 1882	
5499	Do	Pulvinaria innumerabilis recd from S. M Dunning Chicago, Mch. 20, '85.
5500	"	Larvae, pupa, imagos, + gall of Hymenopter (Cynips?) from 5431.
5501	"	Larvae of Saperda from dead elm in Univ. grds. Chpn, April 7+8, 85
5502	"	" "
5503	"	" "
5504	"	" "
5505	"	Dead [illegible]
5506	"	" "
5507	"	Miscel [illegible]
5508	"	Pulex

	5309	Predatic[illegible] [illegible], dead elm, Univers. grnds April 7 & 8. 85
Pinned	5310	At electric lights, dead, New Chester, Apr. 23, 85
"	5311	Caught in window, " " " " "
	5312	Ins. from willow, opposite " " " " " Champaign
	5313	Sweepings from " " " " " "
	5314	Insects " " " " " "
	5315	[illegible]fishes, pool at Algiers, La. " " "
	5316	Lumbricus [illegible] among roots of wheat in field, Ch. Apl 28, 85
"	5317	Mites [illegible] Champaign May 1, 85.
	5318	Entomostraca, cyclop[illegible]
	5319	Camp Point, Ill., July 12, 1882
	5320	Polydesmus from roots of wheat Urbana, May 4, '85
Pinned	5321	Oxori " " " " " " " "
"	5322	[illegible]acide " " " " " " " "
	5328	[illegible] " " " " " " " "
Pinned	5324	Trachnostoma hirticula " " " " " " "
	5325	Earth worm " " " " " " " " "
	5326	(?)hides, ~~Carnation pink~~ Geranium, Univ. Greenhouse. Ch. May 5, 85
	5327	" Rose, " " " Ch. May 5, 85
	5328	[illegible], Upper Leaf (Viburnum) Greenhouse, Ch. May 5, 85
	5329	" [illegible] " " " " "
	5330	" [illegible] " " " " "
	5331	" [illegible]ly Bug (Dactylopius) Greenhouse, Univ. " " " "
	5332	" Fe[illegible] (Dactylopius) " " " " "
	5333	" " [illegible] Plant (Hoya carnosa) " " " " "
	5334	" " Oleander (treated [illegible]) Univ. " " " "
	5335	Normal, Ill., July 14, 1882.
	5336	Do Tetranychus, Rose, Univ. Greenhouse, Ch. May 5, 85
	5337	Lep. leaf-roller Larvae from 5340, Univ. " " " " "
	5338	" [illegible], Cinnamon Vine " " " " " "
	5339	" [illegible], Sago Palm " " " " " "
	5340	" Lep. leaf-roller larvae on Rivinia " " " " " "
	5341	" Dipterous larva from roots of wheat Urbana, May 4, '85.
	5342	" [illegible] Chinch Bug May 5, 85 J. D. B.
Pinned	5343	" Drosoma, A. J. Cook, May 4, 85 Imagos
	5344	Pupa & larvae
Pinned	5345	" ~~Lumbricus~~ Limnotrechus Urbana, May 2, 85.
	5346	Poecilichthys caeruleus, Boneyard N. Champaign, May, 85
	5347	" Lumbricus, Univ. Grounds, among grass in rain, April, 85
Pinned	5348	" Clytus pictus, emerged from hickory, Ch. May 8, 85
	5349	" Sibis albipennis, Blue grass, Urbana, May 10, 85
	5350	Normal. Ill., July 15, 1882
	5351	Do [illegible]
	5352	

5553 " Ants - Aphidae from [illegible]
5554 " Miscel. Ins., Quincy, Uplands; Mar. 29, 85
5555 " " " " " " 21 "
5556 " Bloomington, Ill., July 15, 1882.
5557 " Asellus stygius & Crangonyx nuccinatus, Ch. May 1, 85
5558 " Tinea interpunctella from B.C. 5429.
5559 " Cerachus piceus, recently transformed, from decayed log, Ch. [illegible]
5560 " Hymenopterous parasite from B.C. 5508 with cocoon
5561 " " " " " 5508 " "
5562 " Dipterous pupa from roots of wheat, Ch. Apl 28, 85, fd with 5516.
5563 " Sweepings from timothy & clover, Ch. May 14, 85. Phoxopteris comptana.
5564 " Under Boards, in rotten wood &c " " " "
5565 " Colias philodice from timothy " " " " B.C.
5566 " Aphodius? larvae from excrement " " " " "
5567 " Miscel. Insecta, Univ. Farm " " 15, 85
5568 " Cercariae from aquarium containing Limnea Champaign, May 14, 85.
5569 " Miscel. [illegible] Ch. May 15
5570 " Miscel Ins. under boards &c " " 15, " "
5571 " Beatings from Apple Tree. " " " "
5572 " " " Red Cedar " " " "
5573 " Miscel. Sweepings, Urb. May 16.
5574 " " Ins. under boards, bark, &c " " " "
5575 " Scavenger Insecta, Dermestes &c " " " "
5576 " Passalus cornutus for clausus " " " "
5577 Anna, Union Co., Ill., July 7, 1882. Coll. C.W.B.
5578 " Normal, Ill., July 17, 1882.
5579 " Ants, nymphs, larvae, and larvae, & Pseudaphid from ant nest in rotten stump
5580 " Miscel. Ins. under boards &c. Ch. May 11, 85
5581 " Dryph on Linaria, Petals placed for [illegible] May 15, 85
5582 " " " eggs " " " " " " " " " "19"
5583 " Also rest in moss type tail, on leaf [illegible]
5584 " Priatiphora grossulariae larvae " " " " " "
5585 " Pupa of Tenthredo & other [illegible] B.C.
5586 " [illegible] " " " " "
5587 " Helix alternata " " logs " " " "
5588 " Selandria subs rosae from cult. roses, Ch, May 18, 85
5589 " Lipulid from sweepings. Ch. May 19, 85
5590 " Sweepings " grass " " " "
5591 " Sweeping " raspberry " " " " Nematus ventricosus
5592 Miller's, Indiana, July 4, 1882. Coll. E.J. Hill
5593 Normal, Ill., July 19, 1882.
5594 Funk's Grove, McL. Co., Ill., July 20, 1882.
5595 Do Ants from underboard, Urb. May 19, 85
5596 " Miscel. [illegible] " " " "

Pinned	5597	Do	Miscel. Ins. from under boards stones, Urb. May 19, 85
"	5598	"	Staph. pinus miscellous, ♀♂ from under board " " " " "
	5599	"	Carabidae, Curculi, " " " " " " " "
	5600	"	Ips mestes marmoratus from fresh bones or hide, Urb. May 20, 85
	5601	"	[illegible] under bark. Urb. May 19, 85. B.C.
	5602	"	" & lepidopterous pupa " " " " "
	5603	"	Passalus cornutus, rotten wood. " " " "
	5604	"	[illegible]
	5605	"	[illegible]
	5606	"	[illegible] from 5604
Pinned	5607	"	[illegible] sweepings. Ch. May 20, 85
	5608	"	" " under boards &c " " " "
	5609	"	" " from dead snake " " " "
	5610	"	[illegible] eating white clover " " " " B.C.
	5611	"	Physcia hispida, from Mr. Abbott. Ch. May 18, 85
Pinned	5612	"	[illegible] Urbana, May 21, 85.
"	5613	"	[illegible] " " " " " "
"	5614	"	[illegible] " " " " "
"	5615	"	[illegible] " " " " "
"	5618	"	[illegible] " " " " "
	5617	"	[illegible] " " " " "
Pinned	5618	"	[illegible] " " " " "
	5619		Camp Point, Ill., July 14, 1882.
	5620	Do	Arachnida from wheat, Urbana May 21, '85.
	5621		Champaign, Ill., July, 1882. Coll. Forbes.
	5622		Camp Point, Ill., Aug. 7, 1882.
	5623	Do	Siphonophora avenae Wheat Urbana, May 21, '85.
Pinned	5624	"	[illegible] " " " "
	5625		Camp Point, Ill., Aug., 1882
Pinned	5626	Do	Misc. insects from red [illegible]
	5627		Camp Point, Aug. 8, 82
	5628		do do Aug 11, 82
	5629	Do	Box of wheat for earthworm experiment. Ch. May 15, 85 B.C.
	5630	"	" " " " check on 5629 B.C.
	5631		Normal, Ill., Aug. 17, 1882
Pinned	5632	Do	Miscel Ins., Ch. May 11-23, 85
	5633	"	Omosita colon from bones, May, 85. Champaign.
	5634		Normal Ill., Aug. 19, 1882.
	5635	Do	Pectiphora globulariae, Ch. May 1985 Gooseberry
	5636	"	Nematus ventricosus, after last moult, Ch. May 19, 85. Gooseberry
	5637		Elmira, Ill., Aug 19, 82.
	5638		Normal, Ill., Aug 23, '82.
	5639		do Aug 26 82
Pinned	5648	Do	Sweepings, Urbana, May 19, 85 Grass & weeds, Lebia, &c

5641 Oregon. Dd., Aug 28, 82

Pinned 5642 Do | Sclandria rosæ, Champaign, Ill. Aug 20, 82 on roses

5643 Normal, Aug. 9, 82 Coll. Hart,

5644 Do | Com Aphis, root form, Ch. May 22, 85

5645 Bloomington, Sept 6, 82.

5646 Do | Podurida in com, Ch. May 22, 85.

5647 " | Carabid & mites infesting it, Ch. May 22, 85

5648 " | Bibio albipennis, ♀ & ♂ " " " "

5649 " | Cecidomyidæ larvæ from Box Elder, same lot ... 5650 ...

5650 " | " " " " " Univ. Grds, Ch. May 22, 85 Unp. 24 p. 85

Pinned 5651 " | Beatings from Cedar, Univ. Grds, Unp. May 22, 85

" 5652 " | " " Elm, " " " " " "

" 5653 " | " " Raspberry, " " " " " "

" 5654 " | " " White Ash, " " " " " "

Pinned 5655 " | " " Box Elder " " " " " "

Pinned 5656 " | Miscel. Sweepings, Unt. May 22, 85

" 5657 " | " " Ch. " " " Grass & weeds

" 5658 " | Languria bicolor & Dacnochilus foliicus ♀ & ♂, from 5657

" 5659 " | Small Chrysomelid (Cephaloleia ?) ♀ & ♂, Univ. Grds, Unt. May 22, 85

5660 " | Eggs of Chrysomela 10-lineata, [illegible]

" 5661 " | Hemiptera (Misc. sweepings)

" 5662 " | [illegible]

" 5663 " | [illegible]

" 5664 " | Hymenoptera " "

5665 " | Misc. insects " " " " " " "

5666 " | Saw fly larvæ from grasses " " " " "

5667 " | Cortyna nitela larvæ from blkberry " "

5668 " | Alaudia rubi " "

5669 " | [illegible]

5670 " | Mermessa amer. adults from grass. "

" 5671 " | [illegible]

" 5672 " | " " Elm " " " "

5673 " | Sweepings " Blue grass & Clover, Ch. May 23, 85

5674 Normal, Sept. 7, 1882.

5675 Normal, Sept 6, 1882, Micrococcus in solution infected from chinch bugs.

5676 " " " Buf infusion, but is not inoculated from buf infusion Micrococcus; Slides destroyed 1939

5677 " " " Elm infusion inoc. with ch. bg. lact. Slides destroyed 1939

5678 " " " " " pure

5679 " " " " " but exposed in test tube.

5680 Bloomington, Sept. 6, 1882

5681 Do | Insects from under boards, Ch. May 23, 85

5682 " | " " " dead bird " " " "

5683 " | Miscel. Sweepings. " " " "

5684 " | Hygrometridæ from Silver Creek " " "

Pinned 5683 Collected in cage. from 3 bushes Ch. May 23, 85
" 5686 " Sweepings from grass " " " "
5687 Dixon Ill., Sept. 8, 1882.
5688 Do Nematus ventricosus, gooseberry, Ch. May 23, 85
Pinned 5689 Beatings from Box Elder. Univ. Grds., Urb. May 23, 85
" 5690 " " " Pine " " " " " "
" 5691 " " Lycopodium quinquefolia, " " " " "
" 5692 " " " Lilac " " " " "
" 5693 " " " Cedar " " " " "
5694 Cicindela 6-guttata Urbana, May 23, 85
5695 Aphidae on straw " " " "
5696 Sweepings in woods " " " Orthoptera
5697 " " " " " Miscel. Ins.
Pinned 5698 " " " " " Coleoptera
5699 Insects from under bark " " " "
5700 Larvae & pupae " " " " B.C. Died
5701 " Corpse, Urbana May 23, 85
5702 Dieldia " " "
Pinned 5703 Sweepings, Univ. Grds, Urb, May 23, 85
Pinned 5704 Miscel Ins, Ch & Urb. May 23, 85
Pinned 5705 Andrenidae, sweepings among dandelions, Univ. Grds, Urb, May 23, 85
5706 " Perla? in blue grass " " " " "
5707 " Nematus ventricosus, on Polygonum aviculare, Ch. May 23, 85
5708 " Nematus injuring rose leaves " " " "
5709 " Hippodamia maculata ♀ & ♂ " " " "
5710 " Gortyna larvae, sweepings in grass &c Univ. Grds, Urb, May 23, 85
5711 " Sawfly larvae " " " " " " " " " "
5712 " Pyrophorus noctiluca, Cuba, April, 85. Dr Peabody.
5713 " Sialidae from 5585, May 22, 85
5714 " Moth from 5540, May 22, 85
5715 " Moth from 5585, May 25, 85
5716 " Larva on elm, Urb. May 22, 85 B.C.
5717 " Tenthredinid sawfly larvae, Urb. May 21, 85, B.C.
5718 " ~~Larva cut worm, Urb. May 22, 85, BC~~ Nematus larvae, gooseberry, Ch. May 85, 13
Pinned 5719 " Scavenger insect, Ch. Mar 24 & 26, 85
" 5720 " Cucullinid larva " " " , 85
" 5721 " Miscel Sweepings " " 25, 85
Pinned 5722 " Callida punctata, ♀ & ♂ on Vernonia (?) — Ch. May 25, 85
" 5723 " Cucullinid gnawing stem of Oenothera biennis, " " " "
5724 Dixon, Ill., Sept. 9, 1882
Pinned 5725 Do Cryptocephalus 4-maculatus, blackberry, Ch. May 25, 85
5726 " Aphis on Oenothera biennis, " " " "
5727 " Gortyna larvae, Blackberry & Silphium, Champaign " " "
Pinned 5728 " Sweepings Coleoptera Ch. May 25, 85

5729	Do	Sweepings, Lepidoptera & Larvae, Ch. May 25, 85
5730	"	" Diptera, " " " "
5731	"	" Coleoptera, " " " "
5732	"	" Hemiptera, " " " "
5733	"	" Orthoptera, " " " "
5734	"	" Arachnida, " " " "
5735	"	" Podurida " " " "
5736	"	" Chrysopa " " " "
5737	"	Aphides on Rumex (dock) " " " "
5738	"	Lachnosterna &c, trees in Univ. Grds, Urb. May 26, 85
5739	"	" larva, " " " " " "
5740	"	Miscel. Ins., Ch & Urb, May 10-26. 85.
5741	"	Insects from corn leaves, May 26, 85, University farm.
5742	"	Julus " about corn roots " " " "
5743	"	Sphenophorus fd with beak in stalk of corn " " "
5744	"	Cicindela larva from ground in corn field " " " "
5745	"	Campodia from under brick, Ch. May 27, 85.
5746	"	Wireworms in corn, Univ. farm, Urb. May 26, 85 B.C.
5747	"	" " " Putnam's, nr Ch. " 25, 85 B.C.
5748	"	Wireworms " " , same lot as 5747, in alc
5749	"	Half-grown wireworms from same as 5747
5750	"	Tipulid ♂ & ♀, Ch. May 25, 85
5751	"	Cut worm from corn Ch. May [illegible], 85.
5752	"	Plant louse resembling a Coccide from roots of corn, Champaign, May 28, 85.
5753	"	Craneus zeellus larva infested with mites " " " "
5754	"	Telephoride beetles from corn " " " "
5755	"	Ligyrus rugiceps from corn Copiah Miss., May, 1885.
5756	"	Miscel. Insects, Urb. May 28, 85
5757	"	Eulypsa [illegible] Ch. & Urb. May 28 85
5758	"	Leiandria [illegible] " " " "
5759	"	Telephorus & Megilla fd working at glands on stem of Sambucus, Urb. May 28 85
5760	"	Insects [illegible] Ch. May 28 85
5761	"	Rhynchophora from Oenothera biennis, with injured stems. Univ. Grds, Urb, May 28, 85 One Scelod in alc
5762	"	Miscel. Insects, May 23-26, 85
5763	"	Plant louse from Corn, Arthur's, Ch. May 28, 85.
5764	"	Craneus zeellus larva, Corn " " " " "
5765	"	Miscel Insects corn field " " " " "
5766	"	Cut worm from corn " " " " " "
5767	Dixon, Ill., Sept. 11, 1882.	
5768	&	Prochrid from 5604, May 27, 85
5769	"	Chaetophorus negundinis, Box Elder, Ch. May 29, 85
5770	"	Lumbricus? pico, Urbana, May 15, 85
5771	"	Misc. larvae " " " " "
5772	"	Mollusca " " " " "

5773 Do | Crustacea, pupa, Urbana, May 15, '85.
5774 " | Moths from 5540, May 27, 85.
Pinned 5775 " | Parasite from 5479, May 29.
5776 " | Ash. Saw fly larvae, Univ. Grds, May 27, 85, B.C.
5777 " | Larvae from same as 5776, May 29
5778 " | Crambus zeellus, larvae, com. Arthur, Ch. May 28, 85, B.C.
5779 " | Eggs on leaf of Cypripedium, Ch. May 22, 85, Waite, B.C.
Pinned 5780 " | Rhynchophora from 5700. May 29.
5781 " | [illegible] Ch. May 27, 85
5782 " | " " " Ch. May 25, 85, B.C.
5783 " | Cra[illegible] Ch. May 28, 85, B.C.
5784 " | Ash true saw fly larvae Urbana, May 30, '85.
5785 " | Crambus zeellus. 5 larvae, put with grass. Ch. May 28, 85, B.C.
5786 " | Cut worms from tomato patch, in B.C. with sod. Ch. May 27, 85. B.C.
5787 " | " " " [illegible] Urbana, May 28, 85. B.C.
5788 " | Moth from 5710 May 30, 85 Spilosoma
5789 " | Cut worm, pupa same as 5786.
5790 " | [illegible] Ch. May 27, 85, B.C. Ch. May 25, 85.
5791 " | [illegible] last years stem of square stemmed, opposite leaved plant. Univ. Grds.
5792 " | Miscel. in bore, [illegible] Urb. May 30, 85 B.C.?
5793 " | Cecidomyidae, Locust, May 30, 85, Univ. Grds, Urb. B.C.
5794 " | Larvae from same as 5793
5795 " | Hemiptera in pine, same instar as 5708, Ch. May 30, 85 B.C.
5796 " | Cabbage leaf miner, Ch. ~~Urb.~~ May 30, 85 B.C.
5797 " | Cabbage cut worm, Ch. May 30, 85 B.C.
5798 " | Leaf miner pupa same as 5796
5799 Freeport Ill. Sept. 13, 1882.
5800 " | Larvae girdling rose bud, Ch. May 30, 85. B.C.
Pinned 5801 " | Under boards, Ch. May 30, 85.
" " 5802 " | Beatings from Box Elder, Urb, Univ. Grounds, May 30, 85.
5803 " | Miscel. Ins. Ch. & Urb. May 25-30, 85
" " 5804 " | Selandria rubi, larvae & imagos, Ch. May 30, 85.
5805 " | Pupae of Attacus prometheа, Ch. Apl. 85 B.C.
5806 " | Sphinx, emerged May 27, 85, from pupa from flower garden, Champaign.
5807 " | Pupae of hemipter from 5795
5808 " | Cabbage cut-worm from same as 5797
5809 " | Glassy corn cut-worm, Ch. May 28, 85, B.C.
5810 " | Corn cut worm. Ch. May 28, 85, B.C.
5811 " | Larva from same as 5810
5812 " | Wireworm from corn just S.W. of Univ. Urb. May 30, 85.
5813 " | Moth from 5810, May 29. 85.
" " | Ash true saw fly larvae Urb. May 31, '85 (Larvae from 5776, June 1)
5815 " | Corn cut worm B.C.
5816 " | Ehicaerus imbricatus, eating bean leaves, Fami[illegible]

5817	Do	Hickory [illegible]
5818	"	Eggs on pear leaves. Farmingdale, June, Burkman. B.C.
5819	"	Crambus zeellus (web of larva) from com. Urbana, Ill., 28 May 85.
5820	"	Tipulids from 5787; June 1.
5824	"	Moth from 5[illegible] " "
5822	"	[illegible]
5823	"	Tipulid from 5778, June 2
5824	"	Lepidoptera &c, At Sugar, Univ Grnds, Urb. May 30, 85.
5825	"	Moth, Urb. May 31, 85.
5826	"	Leg of 15-33
5827	"	Passus quadrilineatus Oliv, Urbana, Ill.
5828	"	Tettigonidae " " " " "
5829	"	Misc. ins. " " " "
5830	"	Misc insects grass " " " "
5831	"	At Sugar, Woods, Urb, June 2, 85. Graptolitha indeterminata ♂
5832	"	" Lantern " " " " "
5833	"	Moth, Urb, June 2, 85
5834	"	Breeding cage, June 29, 83. Polyphemus.
5835	"	Maple seeds containing larvae, Urb, June 3, 85. B.C.
5836	"	Dermestes larvae, Urb, ~~May~~ June 3, 85. B.C.
5837	"	Seed & larvae in ale from same as 58,35
5838	"	Grass saw fly larvae, Urb, June 3, 85, B.C.
5839	"	Larva from same as 5838
5840	"	Larvae, at sugar, Urb, May 30, 85
5841	"	Tineae [illegible], Urb, June 1, 85
5842	"	[illegible]
5843	"	[illegible]
5844	"	[illegible]
5845	"	Leaf hoppers from 5795
5846	"	Injurious Garden Insect., May 31, 85. Ch.
5847	"	Miscel. Ins ~~May 31 & 2~~ June 1 & 2. 85 Urb.
5848	"	" " at Light, June 3, 85 Urb. Crambus exsiccatus, Semasis caruscorius
5849	"	Lachnosterna fraterna & fusca, at Light, June 5, 85, Urb.
5850	"	Dermestes lardarius larvae, from same as 5836.
5851	"	Miscel Ins. at Light, Ch. June 3, 85
5852	"	" " Urb Woods, June 5, 85
5853	"	Aphides, Raspberry, June 5, 85, Ch.
5854	"	Apple leaf hoppers. Ch. " " " "
5855	"	Ins. from Potato. " " " " "
5856		Mills on Yellow Creek, West of Freeport, Sept. 14, 82.
5857	Do	Dipter & Hemipter, on ♂ ♀, Urb, woods. June 5, 85.
5858	"	Eggs on Apple. Ch. June 5, 85, B.C.
5859	"	Raspberry leaf roller. Urb, woods. June 5, 85. B.C.
5860	"	Lucanus [illegible] ahlgren, Ill. June 4, 85.

5881/ Dipt. Cutiworm? Larva from beans, Urb. June 8, 85 B.C.
" 5882 " Hymenopterous parasite ♀ cocoon of host from 5585, June 8, 85
" 5883 " Cecidomyidae from 5793, June 6, 85
" 5884 " Miscel. Ins. at Lamp. Ch. June 7, 85
" 5885 " Jassus clitellarius from willow Urb. June 7, '85.
" 5886 " Small leaf hopper from apple " " " "
" 5887 " Miscel Ins, Univ Ends, Urb. June 9, 85
" 5888 " [illegible]
" 5889 " [illegible]
" 5890 " [illegible] fis
" 5891 " Larva from corn from Wood & Combs Mt. Pulaski & mites found upon it June '85
" 5892 " Cicindela larva from corn from Wood & Combs Mt. Pulaski " " "
" 5893 " Larva Dichelia sulphurea? from corn Urbana June 10, '85
" 5894 " Larvae from blister on leaf of wild cherry Urb. Je. 10, '86. = 5893
" 5895 " [illegible] Urb. June 11, 85 Bl. grass & cl
" 5896 " [illegible]
" 5897 " [illegible]
" 5898 " [illegible]
" 5899 " [illegible]
" 5900 " [illegible]
" 5901 " Hemerobidae
" 5902 " Epicaerus imbricatus
" 5903 " Dragon flies
" 5904 " Coccophora mathildae, June 9, 85 & Endryas grata, June 9, 85, Urb.
" 5905 " Eggs of 5904, in nest, June " "
" 5906 " Schizoneura rosae, Larvae, Ch. June 10, 85
" 5907 " Cecidomyia leaf galls of Helianthus, Urb. June 9, 85 B.C.
" 5908 " Pupae from 5887, June 11, 85 + larvae.
" 5909 " Apple leaf roller Urb, June 10, 85 B.C.
" 5910 " Apple leaf miner ("creaser") Urb, June 10, 85 B.C.
" 5911 " Leaf miner of wild cherry " " " " B.C.
" 5912 " Galena, Ill. Sept. 15, 1882
" 5913 " Larvae of leaf miner from 5911, See 5874
" 5914 " Cicindela, Larva, corn field, Mt Pulaski, Ill, June 6, 85, Wood & Combs
" 5915 " Pupae in " " " " " " " " See
" 5916 " Cecidomyia from Prof. Burrill June. 85
" 5917 " Thrips supposed to injure blackberry, Cobden, June 85, F. S. Earle.
" 5918 " Miscellaneous corn field, Mt Pulaski, Ill, June, 6. 85, Wood & Combs
Remed 5919 " Insects, F. S. Earle, June 10, 85, Cobden, White
" 5920 " Thrips cerealis, Univ. Ends, Urb., June 11, 85. Blue grass & clover
" 5921 " Arachnida & Myriapoda, " " " " " " " " "
" 5922 " Earthworms, &c, from 5629, June 5, 85
" 5923 " Willow leaf roller larvae Sarrothripa lintneriana, H. Augustus, Ill, June
" 5924 " Larvae & pupae from Blue grass & clover, Univ Ends, Urb

5905 " Spider, June, 85.
5906 " Cecidomyias from 5887, June 12
5907 " Galls from 5887, June 12
5908 " Elaterids bettle from corn in which were worms. Urbana, June 10, '85
5909 " Calocoris rapidus from heads of rye Champaign, " " "
5910 " Joint worm from inside stalk of rye, Urb. June 11, 85
5911 " Canthon ludovicias + par. mites from corn field Ch. June 11, '85.
5912 " Moth from corn (leaf roller) Urb, June 11, 85.
5913 " Doryphora 10-lineata, larvae, potato, June 11, 85.
5914 " Melanotus from sugaring, Univ. Grds, Urb. June 11, 85
5915 " Carabid ♂ + ♀, from blue grass, Urb. June 11, 85
5916 " Hymenoptera from window. Urb. June 11, 85.
5917 " Miscel. Ins. F. S. Earle, Cobden, June 85.
5918 " Hymenoptera from . . . . B.C. Apl 23, 85
5919 " " " " " " 27, 85.
5920 " Emplectus maculatus from 1707, Apr 23, 85
5921 " " " " " " 27 "
5922 " " " " " " 28 "
5923 " " " " " " 30 "
5924 " Gooseberry saw flies " 2024 " 28 "
5925 " Blackberry saw flies " 2149, May 18, 85
5926 " Saw flies " 2168 Apr 23 "
5927 " " " " " " 27 "
5928 Galena, Ill., Sept. 16, 1882.
5929 " Saw flies from 2168, Apr 28, 85
5930 " " " " " " 30 "
5931 " Larva " 5251, May 25, 85
5932 " Tachina fly " 5281 " 5 "
5933 " Young grasshoppers from 5344 June 1 "
5934 " " " " " " 4 "
5935 " " " " " May 29 "
5936 " Tipulid " 2051 Apr 2, 85
5937 " Moth " 4710 June 4, 85
5938 " Sphinx catalpae " 5014 May 25, 85. Marked from "5311"
5939 " " " " " " 27 " " " "
5940 " Sweepings from grass, Univ. Grds, Urb, June 12, 85
5941 " Beatings from tulip tree, " " " " " "
5942 " " " catalpa " " " " " "
5943 Lachnosterna tristis + Epicauta cinerea " " " " " " On clover.
5944 " Spider + nest attached by Schneumonid. " " " " " "
5945 " Chimaphila umbellata, ygi fine, " " " " " "
5946 " Pemphigus praximifolii, ash " " " " " "
5947 " Larva of hemipter from elm " " " " " "
5948 " Schizoneura ulmi from elm " " " " " "

	5949	Do	Glyphina ulmicola, elm. Urb. June 12, 85
Pinned	5950	"	Larvae of leaf-hopper " " " " " " "
	5951	"	Cecropia from B.C. - - - , May 17, 85.
	5952	"	Moth from 5480. June 12, 85
	5953	"	Systena blanda from cocklebur Urbana, Je. 12. '85.
Pinned	5954	"	Curculionidae from grasses at edge of pond, Urb. Je. 12. '85.
"	5955	"	Pedobrues tomentosus from wheat heads " " " "
	5956	"	Phycis indiginella cases & larvae from apple " " " "
	5957	"	Misc. insects " " " "
Pinned	5958	"	Beetle from apple Urb. Je. 12. '85.
	5959	Galena, Ill., Sept. 18, 1882.	
Pinned	5960	Do	Tettigonidae from apple, Urb. Je. 12. '85.
	5961	"	Eccopsis malana? Apple, Urb., Je. 12. '85.
	5962	"	Lepidopterous egg on gooseberry, Ch. June 12, 85. B.C.
	5963	"	[illegible] Ch., Je. 11. '85.
	5964	"	Lepid. larva, on apple, Univ. Farm, Urb. June 12, 85 B.C.
	5965	"	apple leaf miner " " " " " " B.C. Dies.
	5966	"	" " roller " " " " " " " B.C.
	5967	"	Pupa of gad fly? from excrement, Urb. June 12, 85, B.C.
	5968	"	At sugar, Univ. Grds. Urb. June 11, 85.
4,1,	5969	"	" " " " " " " 12, 85.
	5970	"	Insect eggs on various plants ~~above water~~ over water. Urb. June 12, 85, B.C.
	5971	"	Eggs from 5970, June 13, 85
	5972	"	Ichneumon from 5585. June 13, 85.
	5973	"	Diptera from 5585, June 12, 85.
	5974	"	Tettigonid from 5795 " 13, 85 4 days emerged - dead
	5975	"	Slug on Wild Cherry, Urb. June 10, 85
	5976	"	
	5977	"	
	5978	"	
	5979	"	Leaf roller on apple, Univ. farm, Urb. June 12, 85. B.C.
	5980	"	Phycis indiginella, apple. Urb. June 13, 85. B.C.
	5981	"	Saw-fly on Elder, Urb. June 14, 85 B.C.
	5982	"	Pupa of coleopter from old log. Urb. June 14. 85 B.C.
	5983	"	Also Cerambyd larva from rotten stump. " " " "
	5984	"	Grapta interrogationis, larva, elm, Urb. June 13, 85 B.C. Escaped.
Pinned	5985	"	Flies at sugar Univ. Grnd Urb. June 12, 85
	5986	"	Larva " " " " " " " "
	5987	"	Rose insects slugs etc. Champaign " " "
	5988	"	Beetle being devoured by spider Univ. Grounds Urb. June 12
Pinned	5989	"	Rhabdopterus [illegible] punctatus ♂♀ from thistle Univ Grds " " "
	5990	"	6 lamina platyderus at sugar " " " " " "
	5991	"	Epicauta cinerea from clover " " " " "
	5992	Galena & Council Hill, Sept 19, 1882.	

5993	Do	Epicauta cinerea ♂ & ♀ from Red river Univ. Grnd June 12 85.
med 5994	"	Misel. insects from lamp Champaign " " "
med 5995	"	" sweepings Univ. Grnds Urb. " " "
" 5996	"	" insects from elder Urb. June 13 85
" 5997	"	" " " grass " " " "
" 5998	"	" " " peony Univ. Grnd Urb June 13 85 102.89
" 5999	"	" " " apple " " " "
med 6000	"	Chrysomelids from Walnut " " " "
6001	"	Maths at sugar Univ grnds Urb. June 13 85
med 6002	"	Melolonthus at " " " " " " "
" 6003	"	Empoalis minuta Sycamore stump woods Urbana June 14 85
" 6004	"	Blatta " " " " " " "
" 6005	"	Lepidoptera, Pyrochroa, & Cerambycidae : " " " " " "
" 6006	"	Flies woods Urbana June 14 85
" 6007	"	Sycamore stump woods Urbana June 14 85
6008	"	Tettigonidae from Chenopodium Urb. June 14, '85.
med 6009	"	Beetles woods Urb. June 14 85
" 6010	"	" Sycamore stump woods Urb June 14 85
6011	Apple River, Ills, Sept. 16, 1882.	
6012	Do	Arachnida Sycamore stump woods Urb June 14 85
med 6013	"	Sawfly from elder Urb. June 14 85
" 6014	"	" " " "
" 6015	"	Hemiptera woods Urb " " "
" 6016	"	Hymenoptera " " " " "
" 6017	"	Carabidae " " " " "
6018	"	Pupa Buprestidae and fly rotten stump woods Urb June 14 85
6019	"	Pupa of Physis indigenella from apple Urb. Je. 13. '85.
gm 6020	"	Telephanidae eating plant lice on elm Urb. June 14, 85.
6021	"	Plant lice on trunk of elm Urbana June 14. 85.
6022	"	Grapta interrogationis Champaign May 31. 85.
6023	"	Dimastis larvae from siting boards June 15, 85;
6024	"	Catocala pupa under boards Univ Grnd. Urb. June 15 85 B.C.
med 6025	"	Misel Hymenoptera sweepings Univ. Grnd. Urb June 15 85
" 6026	"	" Diptera " " " " " " "
" 6027	"	" Coleoptera " " " " " " "
6028	"	" Orthoptera " " " " " " "
6029	"	" Hemiptera " " " " " " "
6030	"	" Hemerobidae " " " " " " "
6031	"	" Larvae " " " " " " "
6032	"	" Arachnida " " " " " " "
6033	"	" Carabidae & Cricket under boards " " " " " "
ad 6034		Rhynchophora from tanya " " " " " "
6035		Misel. insects from lamp Champaign June 15 85
6036		Dichelia : & dipterous larva, born, Mt. Pulaski June 16. 85. BC.

	6037	Do Carabidous larvæ born Mt Pulaski June 16. 85. BC.
	6038	" Cut worms and Wire worms from sod corn " " " " BC
	6039	" Cataeala larva from woods Urbana June 17 85 BC
	6040	" Geometrid larva from soft maple woods Urbana June 17 85 B
Pinned	6041	" Rhynchites from rose Tolono June 15 85
"	6042	" Andrenidæ sweeping woods Urbana June 16 85
"	6043	" Misel. Ichneumonidæ " " " " " "
"	6044	" " Hymenoptera " " " " " "
"	6045	" Chrysobothris from fallen hickory " " " " "
	6046	" Misel Carabidæ etc. from under bark woods " " " " Pinned
	6047	" " Coleoptera sweeping " " " " "
"	6048	" " Diptera " " " " " "
"	6049	" " Membracidæ Cicadidæ sweeping " " " " "
Pinned	6050	" " Heteroptera " " " " " "
Pinned	6051	" " Orthoptera " " " " " "
	6052	" " Onotidæ woods Urbana June 16 85
	6053	" Ephimeridæ. " " " " "
	6054	" Misel. Lepidoptera " " " " "
	6055	" " Arachnidæ sweeping " " " " "
	6056	Freeport, Ill, Sept. 21, 1882.
	6057	Do Misel. larvæ sweeping woods Urbana June 16. 85.
	6058	" Coccinella woods Urbana June 17 85
Pinned	6059	" Elaphrus ruticeanus wet sand woods Urbana June 17. 85.
"	6060	" Misel. insects on " " " " " " "
"	6061	" Carabidæ under stones " " " " " "
"	6062	" Tettix from woods Urbana June 17 85
	6063	" Odontopylla nigra under stones Urbana June 17. 85.
	6064	" Gryllidæ " " " " " " "
	6065	" Alaus? larva under bark " " " " "
	6066	" Misel. Moths woods Urbana June 17. 85.
→	6067	" Coccinella larva from soft maple since Emd. Urb. June 1
Pinned	6068	" Misel. Cerambycidæ sweepings woods Urbana June 16 '85
	6069	" Larvæ Crambus grallus from corn Mt. Pulaski, June 16. 1885.
	6070	" Coccus sp. " " " " " " "
	6071	" Coleopterous (?) larva from grains of corn Mt. Pul. June 16. 1885.
	6072	" Carabidous larva supposed Harpalus Combs & injure corn Mt. Pul. June 16
	6073	" Tyroglyphus sp. from grains of corn in ground " " " "
Pinned	6074	" corn weevil from base of stalk. " " " "
	6075	" Phora cucurbitæ " " " "
	6076	" Aphis maidis " " " "
	6077	" Neotoxoneura " " " "
	6078	" Moth from corn Mt Pulaski June 16. 85.
	6079	" Pupa from 5601, June 13, 85
	6080	" Moths from 5744 taken June 10 85

6081 do Moths from 5795, June 17, 85
6082 " Cynips from 5799, June 16, 85
6083 " Epicaeus imbricatus from ~~6086~~ 5816. June 18, 85
6084 " Larvae from 5835, June 17, 85
6085 " Larvae from 5970, June 18, 85
6086 " Catocala? pupae, Univ. Grds, Urb. June 15, 85 B.C.
6087 Forreston Ill., Sept. 22, 1882.
6088 do Moth from 6086, June 16, 85
6089 " Pupa " " " 17 "
6090 Oregon. Ill., Sept. 21, 1882.
6091 do Pupa case & cocoons from 6086. June 17, 85
6092 " Cock comb galls from Champaign, June 17, 1885.
6093 " Cecidomyia nibela, from wheat " " " "
6094 " Euscheistus " rye " " " "
6095 " Scarabaeidae " " " " "
6096 " Isosoma tritici " wheat " " " "
6097 " Meromyza americana " " " " "
6098 " Wire worm " corn " " " "
6099 " Gall from Solidago & parasitized larva Champaign, June 18, 1885.
6100 " Pezotettix atlanis from wheat field " " "
6101 " Acridium americanum, Urb. Je. 13, '85.
6102 " Larvae from 6097 June 18, 85 B.C.
6103 " Cassida bivittata from Sweet Potato Farmingdale June 18 85 Baker
6104 " Cicada septendecim Mount Carmel June 18 85 Dr. Schmuck.
6105 " Danaus archippus larvae from Milkweed Champaign June 18 85.
6106 " Chrysobothris femorata from Mountain Ash Univ. Grds Urb. June 18, 85.
6107 " Pupa of Cecidomyidae on Larvae Champaign June 18, 85.
6108 " Trichius piger from flowers " " " "
6109 " Spectrum femoratum young, from weeds " " " "
6110 " Colaspis favosa from weeds " " " "
6111 " Tetraopes tetraophthalmus from Milkweed " " " "
6112 " " " ♂ & ♀ " " " "
6113 " Wasps from flowers Champaign June 18 85
6114 " Anthomyia raphani (larva) Pecatonica, Je. 15, '85
6115 " Misc. Hymenoptera sweepings from ~~weeds~~ Champaign June 14, 85.
6116 " " Diptera " " " " " " "
6117 " Carabidae under stones " " " "
6118 " Misc Coleoptera sweepings from weeds " " " "
6119 " Chaetocnema subviridis " " " " "
6120 " Mordellidae sweepings " " " " "
6121 " Misc Chrysomelidae " " " " "
6122 " Colaspis tristis " " " " "
6123 " Pachybrachys from weeds Champaign Champaign
6124 " Misc. Blennocampa sweepings from weeds Champaign June 14 85.

Pinned	6125	do	Systena hudsonica from weeds Champaign June 18, 85
"	6126	"	Melanotus cribricollis sweeping from Grass Champaign June 18, 85.
Pinned	6127	"	Misel. Hemiptera sweeping from weeds Champaign June 18 85
	6128	"	" Neuroptera " " " " " "
	6129		Oregon, Ill. Sept 23, 1882
	6130	do	Misel. Larvae from grass & weeds Champaign June 18, 85
	6131	"	Lep. Larvae Blk. walnut Champaign June 19. 85.
	6132	"	Larvae from 6131 June 19. 85. B.C.
	6133	"	Hyphantria textor larva from pear Univ Grnds Urb June 19, 85
	6134	"	Larvae from 6133 June 19. 85. B.C.
Pinned	6135	"	Ceratoparia lunatus & Cycloneda sanguinea on tansy Univ. Grnds
"	6136	"	Nematus ventricosus from 5718. June 19. 85
	6137	"	Lep. Larva from Milk weed Univ. Grn, Urb. June 19. 85. Dead B.C.
Pinned	6138	"	Misel. Orthoptera sweeping from weeds Champaign June 18.
"	6139	"	Anthonomus quadrigibbus from hawthorn, Urbana, June 19, 85.
	6140		Leaf from corn Mt. Pulaski, June 16. 1885.
	6141		Pezotettix atlantis California Reid from I K Wood of Mt Pulaski
	6142		Moth from Hawthorn Urb June 19. 85.
	6143		Ichneumonida. Larva Champaign June 20. 85.
	6144		~~Elm~~ Ash sawfly larvae Univ Grnd Urb. " " "
	6145		[illegible] from flowers of bluegrass Univ. Grnd. Urb. June
Pinned	6146		[illegible] and Scarabaeidae under boards Urb June 20. 85.
	6147		Pyrochroa partly ~~x~~emerged from 5982 June 21
	6148		[illegible] innumerabilis from honey locust Urbana, June 20. 85.
Pinned	6149		[illegible] " " " " " "
"	6150		[illegible] " " " " " "
"	6154		[illegible] " " " " " "
"	6152	"	Milkweed insects Urbana June 22. 85.
	6153		Oregon, Ill., Sept 25, 1882.
Pinned	6154	do	Sawfly from 6036 June 22. 85.
"	6155		[illegible] Urb. June 20. '85
	6156	"	[illegible] emerged June 26. '85 from 5805
	6157		[illegible] rosaceana from 5966 " " "
	6158		Fungus? young, from Tilia americana, Urb. Je. 27. '85.
Pinned	6159		Sawfly from 6036 June 29 85
	6160		Callosamia promethea ♂ emerged June 28 from 5805
	6161		Larvae hatched from 5962 June 28. 85.
	6162		Egg-shells from 5962 June 28 "
	6163	"	~~Datana~~ Tortyra larvae from corn. Cook Grove Ill June 2
	6164		Larvae of Limacodidae from 5836 June 29. 85.
Pinned	6165	"	Hymenopterous parasite from 5889 June 29, 85.
	6166		Cerambus zellus emerged from 5778 " " "
	6167	"	Leaf-miner [illegible] in 5966 [illegible] " "
	6168	"	Fungus on Crambus zellus larvae from 5778 June 29. 85. Ill.

6169	do	Misel. Hymenoptera	sweepings	Urb	June 22. 85.
6170	"	" Larvae & Lepidoptera	"	"	" " "
6171	"	" Diptera	"	"	" " "
6172	"	" Orthoptera	"	"	" " "
6173	"	" Coleoptera	"	"	" " "
6174	"	" Hemiptera	"	"	" " "
6175	"	" Neuroptera	"	"	" " "
6176	"	" Arachnida	"	"	" " "
6177	"	" Hymenoptera	woods	"	Oak Grove Ill June 26. 85.
6178	"	" Larvae &	"	"	" " " " "
6179	"	" Diptera	"	"	" " " " "
6180	"	" Coleoptera	"	"	" " " " "
6181	"	" Hemiptera	"	"	" " " " "

6182 Oregon Ill. Sept. 26, 1882.

6183	do	Spittle insects	from shrubs	Oak Grove Ill	June 26 85.
6184	"	Misel. Orthoptera	sweepings	in woods	Oak Grove " "
6185	"	" Neuroptera			
6186	"	" Arachnida			
6187	"	" Insects		Champaign	June 29. 85.
6188	"	Hemiptera, with eggs &		attending ants	Decatur June 23. 85.
6189	"	Misel. Insects		Champaign	June 22. 85.
6190	"	Hyphantria textor	young	larvae from Box Elder	Champaign June 29.
6191	"	" "	older	" " "	" " "
6192	"	" "	"	" " Elm	" " "
6193	"	Odonatidae Cnotidae	affected with mites.		Champaign June 29. 85.
6194	"	Misel. Hemiptera	sweepings		" " "
6195	"	" Orthoptera			" " Pinned
6196	"	" Insects			" " "
6197	"	" Spittle		Oak	" " "
6198	"	Mites			
6199	"	Lygaeus		Univ. Grnd. Ub.	June 30 " B.C.
6200	"	Diptera		Univ. Grnd Ub.	June 30, 85.
6201	"	Geometrid larva	from Bindweed	Univ. Grnd. Ub	" " "

6202 Dixon, Ill, Sept 27, 1882.

6203	do	Centipede	under board	Univ. Grnd. Ub.	June 30. 85.
6204	"	Staphylinidae	from Bindweed	" " "	" " "
6205	"	Tetraopes tetraophthalmus	from Milkweed	Univ Grnd Ub.	June 30 85.
6206	"	Misel. Coleoptera		Univ Grnd Ub.	June 30, 85.
6207	"	Diabrotica			
6208	"	Lygaeus fasciatus	from Milkweed	" "	" " "
6209	"	" "	889	" "	" " "

6210 Ottawa, Ill, Sept. 28, 1882.

6211	do.	Galls of Phytoptus	on Acer saccharinum	Decatur	June 24 85. C. V. Riley
6212	"	Bl. Lice	" "	"	" " "
62XX					

Pinned 6213 " Podisus spinosus found eating cucumber worm. Pecatonica 4 29 1885 Wickham
6214 " Disease June grass " " " " "
Pinned 6215 " Andrenidae from tansy Univ Grnd Urb June 30. 85.
6216 " Lep. larvae from corn & potatoes Seammonville Kans. Rec'd from C. M. Weed.
6217 " Spilosoma virginica larva Woods Urbana July 1 85.
6218 " Carabidae under sticks etc. " " " " " "
6219 " Misel. Coleoptera " " " " "
Pinned 6220 " Aulacinus [illegible]
6221 " [illegible]
Pinned 6222 " [illegible]
6223 " Phasmidens [illegible]
Pinned 6224 " [illegible]
6225 " [illegible]
6226 " [illegible]
6227 " [illegible]
6228 " [illegible]
6229 Ottawa, Ill., Sept. 29, 1882
6230 " Corn supposed to be affected by a fungoid Urb July 2. 85 B.C. Prof. Burrill
6231 " Phycis indiginella from 5-9 80 July 2 85.
Pinned 6232 " Misel. Hymenoptera from flowers Univ Grnd. Urb July 2.
" 6233 " " Coleoptera under boards " " " "
" 6234 " [illegible]
6235 " [illegible]
6236 " [illegible]
6237 " Larva on Grapevine " " " " " "
6238 " [illegible]
6239 " Acacacia and Phycis indiginella from 5889 July 3.
Pinned 6240 " Chrysomelidae from flowers of elder Univ. Grnd. Urb July 2.
" 6241 " Misel Hymenoptera sweepings " " " " "
6242 " " " " " "
6243 " [illegible]
6244 Farm Ridge, La Salle Co. Ill., 1881 Coll. Hewitt
6245 Starved Rock & Deer Park, Sept. 30, 1882
6246 " Misel. Diptera sweepings Univ Grnd Urb. July 2.
Pinned 6247 " " Coleoptera " " " "
" 6248 " [illegible]
" 6249 " Misel. Hemiptera sweepings Univ Grnd Urb. " "
Pinned 6250 " " Orthoptera " " " "
6251 " " Podurida " " " "
Pinned 6252 " Tortrix pyralis Champaign July 2. 85.
" 6253 " Misel. Insects " " " "
6254 Leaf crumpler. from cherry. Univ Grnd July 85
6255 Same as 6254 B.C.
6256 " Selandria ceresi, larva from cherry Champaign July 3

6257	Do	Saw fly on cherry Champaign July 3. 85.
6258	"	Odynerus on flowers Univ. Grnd Urb. July 3. 85.
6259	"	Andrenidae " " " " " "
6260	Normal Ills, Oct 2, 1882.	
6261	Do	Sept. 27 82
6262	Do	Sept. 28, 82
6263	Grafton, Jersey Co, Ills, Oct. 12, 1882.	
6264	Do	Wasps on Cedar Univ Grnd Urb. July 3. 85.
6265	"	Mordellidae on flowers Univ. Grnd. Urb. July 3. 85.
6266	"	Glyphina ulmicola with parasitic pupa. Univ. Grnd. Urb. July 3. 85.
6267	"	Miscl. Sweepings Champaign July 3. 85.
6268	"	Hyphantria textor larvae from Box Elder Champaign July 3. 85.
6269	"	Phytoptis gall on ash Univ. Grnd. Urb July 3. 85.
6270	"	Larva in gall of Glyphina ulmicola Univ Grnd Urb July 3. 85.
6271	"	Moth emerged from 5610 July 3. 85.
6272	"	Lixus concavus on Cocklebur Univ Grnd Urb July 3. 85.
6273	"	" " " ♂ ♀ " " " " " "
6274	"	Brachyacantha ursina on Cocklebur ♂ ♀ Univ Grnd Urb July 3. 85.
6275	"	Neuropteron sweeping in grass etc. " " " " " "
6276	"	Miscl. Larvae " " " " " " " "
6277	"	Thanasimus dasonarius on Ironweed Univ Grnd. Urb. July 3. 85.
6278	"	Miscl. Hymenoptera sweepings Univ Grnd Urb July 3, 85.
6279	"	" Diptera " " " " " " "
6280	"	" Coleoptera " " " " " " "
6281	"	" Hemiptera " " " " " " "
6282	"	" Orthoptera & Arachnida " " " " 10289.
6283	"	Flies on flowers Champaign July 3. 85.
6284	"	Larva of Danais archippus " " "
6285	"	Papilio ptaliner larvae Ill. Normal July 3. 85 Dr. J. Schneck
6286	Grafton, Ills, Oct 13, 1882	
6287	Do	Conorhinus sanguisugus Leh. Ill. Normal July 3. 85 Dr. J. Schneck.
6288	"	Miscl. Insects Champaign July 4. 85.
6289	"	Sawfly from 5718 July 6. 85.
6290	"	Dermestidae larvae from setting boards July 6 85
6291	"	Moth from 5610 emerged July 6. 85.
6292	"	Phylloxera vitifoliae from Leaves Champaign July 6. 85.
6293	"	Parasitic pupae in galls of 6292 " " " "
6294	"	" pupa, (another species) " " " " " "
6295	"	" Larva " " " " " " "
6296	"	" " " " " " " "
6297		Galls of 6292 in B.C. July 6. 85
6298		Pelidnota punctata on grape vine Champaign July 6, 85
6299		Geometrid larva on Ash Univ Grnd Urb July 6. 85. B.C.
6300		Same as 6235 " " "

6301	♂	Phyceis indigella emerged from 5889 July 7, 85.
Pinned 6302	"	Sawfly from 5718 emerged July 7. 85.
Pinned 6303	"	Misel. Hymenoptera, Sweepings, Univ. Grnd, Urb. July 6. 85
6304		Grafton, Ills, Oct 14, 1882.
6305	♂	Misel. Larvae, Sweepings, Univ. Grnd. Urb. July. 6, 85.
Pinned 6306	"	" Diptera " " " " " "
6307	"	" Coleoptera " " " " " "
Pinned 6308	"	" Hemiptera " " " " " "
6309	"	" Orthoptera " " " " " "
6310	"	" Arachnida " " " " " "
6311	"	Chrysochus auratus (Fab.) " " " " "
6312	"	Hemerobidae " " " " " "
Pinned M. 6313	"	Photinus pyralis (Linn.) Champaign, Ills. " "
" 6314	"	Anomala lucicola, Fabr. ♂♀ Cornfield, Mattoon Ills. July 3
" 6315	"	Misel. Coleoptera " " " "
" 6316	"	" insects, Mattoon, Ills. July 3. 85.
6317	"	Ipsoma (Ips) ellyii) from rye Champaign July 6. 85
6318	"	Ipsoma (Ips) ellyii) from pine " " " " "
6319	"	Evdemis botrana from grape
6320	"	Carpocapsa pomonella from apple Urb. July 7. 85.
6321	"	Eggs from 6331. Champaign Ills. July 7. 85 B.C.
6322	"	Galls on Iron-weed (not Vernonia) " " " B.C.
6323	"	Pupa on Liriodendron tulipifera Champaign, July
324		Urbana, Ill, Oct. 18, 1882.
325	♂	Eggs on Linden. Univ. Grd. Urb. July 7. 85. B.C.
326	"	Parasitized Larvae on Iron-weed. Champaign Ills, July 7. 85 B.C.
327	"	Larva of Danias archippus on Milkweed, " " " " B.C.
328	"	Lamia cecropia Larva on Elder " " " " B.
6329		Urbana, Ills, Oct. 19, 1882
6330	♂	Parasitized Larva of Sphingidae from Cherry, Champaign Ills July
6331	"	Phalenid at Lamp, Champaign, Ills, July
6332	"	Vanessa antropa on Milkweed flowers, " " "
6333		Urbana, Ill, Oct. 20, 1882
6334	"	" " " 94 "
6335	♂	Libellula, - - - - - - Champaign, Ills, July. 7 85
6336	"	Agrostis - - - - - Univ. Grnd. Urb. July 6 85
6337	"	Tabanus atratus, " " " June 85
338		Urbana, Ill. Oct. 25, 1882
8339	♂	Arctia - - - - - Univ bdg. " June 85
340		Moths - - - - - Univ. Grnd. " July 6 85
341		Apidae - - - - - " " " June 30 85
Pinned 6342		Carabid imago from 6037
" 6343		Chrysochus auratus on Milkweed. Champaign Ills. July 7
" 344		Tetraopes tetrophthalmus Fourth Milkweed, " " "

Pinned 6345	Miscl. Hymenoptera, Sweepings on weeds,	Champaign Ills July 7, 85.
" 6346	" Diptera, " " " " " "	
" 6347	" Coleoptera, " " " " " "	
6348	" Hemiptera, " " " " " "	
6349	" Orthoptera, " " " " " "	
Pinned 6350	" Epicauta " " " " " "	
— 6351	Trichius piger, Fabr, " " " " "	
Pinned 6352	Chrysomela cliricollis, Kirby, " " " " " "	
" 6353	Cosmopipla canifex ♂ ♀ " " " " " "	
" 6354	Lixus concavus Say, " " " " " "	
" 6355	Photinus sp. ? " " " " " "	
6356	Systena " " " " " "	
6357	Pelopaeus cementarius on flowers " " " "	
Pinned 6358	Zygocerus sinuatus (Drewm.) on flowers. " " " "	
" 6359	Chrysochus auratus on Milk weed ♂ ♀ " " " "	
Pinned 6360	Lygaeus on Milk-weed ♂ ♀ " " " "	
6361	Plant lice from stem of Elm " " " "	
Pinned 6362	Rynchites on Rose " " " "	
Pinned 6363	Stenetridae on Water " " " "	
" 6364	Dytiscidae and Hydrophilidae on water " " " "	
6365	Urbana, Ill., Oct. 27, 1882	
6366	" " " 30 "	
Pinned 6367	Corixa on Water " " " "	
" 6368	Pezitettix on Water " " " "	
" 6369	Miscl sweepings Univ. Grounds, Urb.	July 9. 85
" 6370	Hemiptera " " " " "	
6371	Urbana, Ill., Oct. 31, 1882. Coll. J. J. R.	
6372	Cecropia eggs on apple leaf, Urbana, Ills.	July 9. 85 B.C.
6373	Pupa of parasite from stalk borer " " " "	B.C.
6374	Parasitized stalk borers in wheat " " " "	B.C.
6375	Urbana, Ill., Oct. 31, 1882	
6376	Joint-worms in wheat " " " "	B.C.
Pinned 6377	Chrysochus auratus on milkweed in cornfield, Mahomet, Ills.	July 8, 85.
" 6378	Tetraopes tetraophthalmus (Forst) on milkweed. " " " "	
6379	Epicauta feeding on leaves of Helianthus grosse-serratus, " " " "	
" 6380	Lachnosterna fusca feeding on lower blades of corn " " " "	
" 6381	Winged ants with ants attending plant lice on Cirsium discolor, " " " "	
" 6382	Miscl. insects edges of fields " " " "	
6383	Lepidopterous Larvae boring in ~~stem~~ stem of Cirsium discolor " " " "	
6384	Larvae of Scotyza nitela from corn " " " "	
6385	Plant lice and ants on weeds " " " "	
6386	" " " " on Cirsium discolor " " " "	
6387	Hemipterous eggs on Box Elder Univ. Grounds, Urb.	July 9, 85 B.C.
6388	Elongated cells on iron-weed containing larvae of 6384 Champaign	" " B.C.

	6374	Lepidopterous larvæ found in iron-weed galls as 6388. Champaign Ills. July
	6375	Hymenopterous larvæ & pupæ found in iron-weed galls as 6388 " " "
	6376	Tetraopes tetraophthalmus ♂♀ on milk weed " " "
	6377	Pupa of parasite from Argyia leucostigma, Univ. Grnd. Urb.
	6378	Dipterous Larvæ, Lone Creek " " "
	6379	Eggs on leaf of Cucurbitaceæ, Univ. Grnd. Urb. July 9, 85
	6380	Lep. Larva on Choke Cherry, Urb. July 9, 85 B.C.
	6381	Lep. Larva on Clover. Univ Grnd, Urb, July 9. 85
	6382	Elm Sphinx larva " " " " "
	6383	Eggs and larvæ from 6387, July 10. 85.
	6384	Hemipterous Larvæ from 6199, July 10 85.
	6385	" " " 6227 " "
	6386	Plant lice on verbena & Purslane roots, Champaign, July 9, 85. G.W.
Pinned	6387	Reduviidæ preying on dipterous larvæ, Univ. Grnd, Urb. Jul
	6388	Crab-apples with larvæ of Codling Moth. Ch. July 10, 85. B.C.
	6389	Codling moth Larvæ as 6403
	6390	[illegible]
	6391	Larvæ in Crab-apples as 6403
Pinned	6392	Ips fasciatus in crab-apples as 6403
	6393	Noctuidæ larvæ on smart-weed, Univ. Grnd. Urb. July 10 85
	6394	Same as 6408
	6395	Oscinis hordei in Rye, Champaign, July 7, 85 B.C.
	6411	Urbana, Ill, Nov. 4, 1882.
Pinned	6412	Parasites from oak galls, Urb. June 19, 85.
	6413	Larvæ from " " " " " "
	6414	Bark lice on tree fern, Univ. Green House. Urb. July 10 85.
	6415	Pupated parasites from 6330. July 11, 85.
	6416	Hemiptera from 6255 " "
	6417	Coelyna Larvæ from corn, Univ. Grnd. Urb. July 11, 85.
	6418	Larvæ about corn. " " " " "
Pinned	6419	Various stages of ants from cornfield " " " " "
Pinned	6420	Miscl Chrysomelidæ food Univ. Grnd, Urb. July. 9. 85.
"	6421	" Staphylinidæ " " " " " "
"	6422	" Elateridæ " " " " " "
"	6423	" Coccinellidæ " " " " " "
"	6424	" Nitidulidæ " " " " "
	6425	Harpalus Pennsylvanicus " " " "
Pinned	6426	Scarites subterraneus " " " "
"	6427	Miscl. Chlænius " " " " "
"	6428	" Platynus " " " " "
"	6429	Dyschirius & Clivina " " " " "
"	6430	Miscl Oodes & Amara " " " " "
"	6431	Nebria pallipes " " " " "
"	6432	Tachybidium & Badycellus " " " "

6433 Eranthus flood Univ. Grnd. Urb. July 9 85
6434 Eranthus " " " " " "
6435 Harpalus " " " " " "
6436 Pterostichus " " " " " "
6437 Brachycelus dichrous " " " " "
6438 Anisodactylus " " " " " "
6439 Champaign, Ills, Oct. 14, 1884.
6440 Urbana, Ills, Nov. 9, 1884
6441 " " " 10 "
6442 Champaign, Ills, Nov. 11 "
6443 Miscl Anisodactylus, flood. Univ. Grnd. Urb. July 9, 85.
6444 Miscl Carabidae " " " " " "
6445 Urbana, Ills, Nov. 18, 1884
6446 Cicindela repanda, flood, Univ. Grnd. Urb. July 9 85.
6447 Lachnosterna fusca " " " " " "
6448 Lachnosterna tristis and illicis " " " " " "
6449 Champaign, Ills, Nov. 15, 1884. Ill. and Ind.
6450 Urbana, Ills, Feb. 2, 1883.
6451 Miscl Aphodius flood. Univ. Grnd. Urb. July 9. 85
6452 Urbana, Ills, Feb. 28, 1883.
6453 Urbana, Ills. March 5, 1883
6454 " " " 28, 1883.
6455 Miscl. Scarabaeidae flood Univ. Grnd. Urb. July 9 85.
6456 Photinus pyralus " " " " " "
6457 Epicauta " " " " " "
6458 Tetraopes tetraophthalmus " " " " " "
6459 Dicerca divaricata " " " " " "
6460 Corimelaenidae " " " " " "
6461 Pentatomidae " " " " " "
6462 Miscl. Hymenoptera " " " " " "
6463 Larvae in buds of Bind-weed. Champaign Ills July 11, 85, Disappeared B.C.
6464 Lepidopterous Eggs on Elm leaf. Univ. Grnd. Urb. " " B.C.
6465 Staphylinidae from bind weed Champaign Ills. July 11 "
6466 Codling moth Larvae, " " July 9 85
6467 Gortyna larva boring in Potato stalk " " July 11 85
6468 Rhynchophora, flood, Univ Grnd. Urb. July 9. 85.
6469 Miscl Orthoptera " " " " " "
6470 " Coleoptera " " " " " "
6471 " Hemiptera " " " " " "
6472 " Larvae and Myriapoda " " " " " "
6473 " Arachnida " " " " " "
6474 " Insecta " " " " " "
6475 Coleopterous Larvae " " " " " "
6476 Hymenopterous Parasites from 5980. July 10 85.

Hymenoptera.

Plot No.	Nos. of Sets
1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29
2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 30, 31
3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 14, 15, 16, 17, 19, 21, 23, 24, 26, 27, 28, 29, 30, 31
4	1, 2, 3, 4, 6, 7, 8, 9, 13, 17, 19, 20, 21, 23, 24, 25, 26, 27, 28, 29, 30
5	2, 3, 8, 30
6	6, 7, 9, 13, 14, 15, 16, 17, 18, 19, 20, 21, 24, 25, 26, 27, 28, 29, 30
7	1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 3, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31
8	30
9	1, 3, 6, 7, 8, 30, 31
10	30, 31
11	30
12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 23, 25, 26, 28, 30, 31
13	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31
14	4, 30
15	2, 5, 8, 9, 30, 31
16	3, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30
17	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 30
18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 30, 31
19	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 27, 29, 30
20	1, 2, 4, 5, 6, 7, 9, 30
21	30
22	
23	3, 7, 8, 30, 31
24	1, 6, 30, 31
25	4, 30, 31
26	5, 9, 13, 14, 15, 17, 18, 19, 30, 31
27	30, 31
28	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 30, 31
29	2, 30, 31
30	30, 31
31	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 16, 17, 30, 31
32	1, 3, 6, 7, 8, 30, 31
33	3, 30
34	30
35	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

36

37 4,9,30

38 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. 11, 12. 13, 14, 15, 16 17, 18, 19, 20, 21 22, 23, 24, 25, 26, 27, 28, 29, 30

39 1, 2, 3, 4, 5, 6, 7, 8, 9, 1[illegible] 13 14, 15, [illegible] 19, 20, 21, 22, 23, [illegible] 26, 27, 28, 29, 30

40 1, 2, 3, 4, 5, 6, 7, 8, 9, 1[illegible] 12, 13, 14, 15, [illegible] 19, 20, 21, 22, 23, [illegible] 27, 30

41 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 18, 19, 30

42 2, 5, 30, 31

43 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 30, 31

44 8, 30, 31

45 1, 2, 3, 4, 5, 6, 7, 8, 9. 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 2[illegible] 26, 2[illegible] 30

46 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, [illegible] 21, 22, 23, [illegible] 25, 26, 27, 28, [illegible] 30, 31

47, 30, 31

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50 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, [illegible] 30, 31

51 1, 2, 3, 4, 6, 7, 9, 30, 31

52 3,

53 1, 2, 4, 5, 6, 7, 8, [illegible] 13, [illegible] 30, 31

54 30, 31

55 30

56 1, 2, 3, 4, [illegible] 20, 21, 22, [illegible] 30, [illegible]

57, 30, 31

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59 30, 31

60 30, 31

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62 30, 31

63 1, 2, 3, 4, 5, 6, 7, 8, 9, 20, 21, 22, 23, 25, 30, 31

Lepidoptera.

a1 1, 2, 3, 4, 5, 6, [illegible] 10, 11, 12, 13, 14, [illegible] 18, [illegible] 20, 21, 22 23, [illegible] 27, 30

a3 1, 2, 3, 4, 5, 6 [illegible] 10, 11, 12, 13, 14, [illegible] 19, 21, [illegible]

a12 1, 2, 3, 4, 5, [illegible] 11, 12, 13, [illegible] 19

a14 1, 2, 4, 5, [illegible] 27

a17 1, 3, 4, 5, 6, 7, 8, 9, 28, 30

a21 2, 7, 8, 30

a35 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 29

a39 1, 2, [illegible] 4, 5, 6, 7, [illegible] 19, [illegible] 12, 13, 14, 15, 16, [illegible] 19 19, 21, 2[illegible] 22, 23 [illegible] 25, 26, 27, 28, 29

a50 1, 4, 6

a56

a60 5, 9, 10, 11, 12, 13, 15, 17, 18,

a65 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 [illegible] 26, [illegible] 28, 29

a 8[illegible] 1, 2, 3, 7, 8

a 85 4, 5, 6, 9, 30

a [illegible]9 1, 2, 3, 4, 5, 6, 7, 8, 1, 10, 11, 12, 13, 4, 15, 16, [illegible], 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

a [illegible]8

a [illegible] 1, 2, 3, 4, 5, 6, 8, 9, 16, 18

a 130

a 137

a 142 5, 7, [illegible], 30

a [illegible] 1, 2 [illegible]3, 4, 5, 6, 7, [illegible], 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 30

a [illegible]3 1, 2, 3, 4, 6, 7, 9

a [illegible] 11

a [illegible]7, 30

a [illegible]5

a 201

a 202 1, 2, 3, [illegible]6, 8, 16, 1, 12, 13, 14, 15, 16, [illegible], 18, 30

a 20[illegible]9

a [illegible]4

a [illegible] 2, 4, 5, 7, 8

a 225, 30

a 227 1, 3, 6, 27, 30

a 249

a 2[illegible] 4, 7, 9, 17, 30

a 255, [illegible], 13, 14, 15, 16, 18, 19, 20, 21, 22, 24, 25, 26, 28, 30

a 27[illegible] 30

a 337

a [illegible]44 30

a 341

a 384 30

a 398

a 428 30

a 434 30

a 436, 30

a 467 4, 7, 1, 30

a 1[illegible]1

a [illegible] 30

[illegible] 2 30

[illegible] 31 30

[illegible]43, 30

[illegible]49 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

[illegible]81 1, 2, 3, 4, [illegible]6, 7, [illegible], 15

[illegible]82

[illegible]97 12, 13, [illegible], 17, [illegible], 19, 30, 31

...s on Park Shrubbery
...d Trees.

Chicago, Ill. 10 Sept. '08.
Washington Park. J.J. Davis.

Examine many trees
& shrubs for spider & find
the following.

1. Those moderately to
badly infested.

Symphoricarpos vulgaris
(Indian Currant)

Rhamnus cathartica
Ribes floridum
" ~~cinerea~~ cinerata
Caragana arborescens
* Symphoricarpos racemosus
(snowberry)
~~" vulgaris~~
" Hyerii
Rosa lucida et al spp.
Pyrus malus
* Viburnum *
* Lonicera spp.
* Hackberry
* Elm

2/

Sumach
Mountain ash.
* peach.
Viburnum sp.
* Elder.
Cydonia japonica
Aralia Japonica.

2. Those which were slightly infested & little or no damage being done, because of their small numbers.

Philadelphus speciosa
Rhamnus frangula
Spiraea opulifolia
" " aurea
Amelanchier canadensis
Aralia spinosa
~~Staphylea~~
Crataegus oxyacantha
" coccinea
Weigela Eva Rathke
Weigelia sp.
Cercis canadensis (Red Bud)
spiraea sorbifolia
" " sorbifolia
Ash

Acc. *42692

Coccidmyiid predaceous? on red spider.

Oak Park, Ill. 9 Aug. 09.

S. J. Davis.

Mites (Tetranychus bimaculatus) are very common on devils of the leaves of poplar among them I find some yellowish red larvae which appear to be predaceous on this mite also find cocoons which are those of the larvae. Most are empty but a few appear to be alive. To rear the supposed predaceous insect.

14 Aug. One coccidomyiid has emerged, it is mounted in balsam. The cocoon from which it emerged is placed in vial with a ring with the slide. Entered as Acc. *42692

2 Oct. Nothing more has emerged so close the exp.

Acc. #40033-40049-40050.

Aphis sp. on Black Locust.

Chicago, Ill. 16 Sept. 08.
Lincoln Park. J. J. Davis.

This aphis was noted once before on locust, namely, 30 July '08 at the same place as the one found today. At that time no note was made. They were very abundant then & doing much injury, killing off the young shoots. 30 July - the locusts were sprayed with Fels-a-naf soap but the spray operator did not know at what strength. The spray seemed to be quite effective killing most of the aphids but I noticed a few which were still alive.

Today I again examined these shoots & find the aphids again becoming abundant and killing the young shoots (these locusts are about 4-5 ft in height

and are used as a shrubbery.
Notice a number of coccinellids generally distributed.
In one place I find aphids parasitized by hymenoptera but even here they are not abundant
also find some dipterous cocoons among the larvae of Carnaë (these same cocoons have been found among a number of different species of aphids & I am certain they are pupae of predacious larvae.
Some of aphids with Coccinellids are preserved in alcohol as acc. #40033.
Parasitized aphids & dipterous pupae above mentioned are preserved as near adult.

18 Sept. - Two dipters have
21 " emerged from pupae & are pinned as acc. #40049.
Six parasites have emerged from the aphids & are pinned as acc. #40050.

2) mites 16 Sept. 08.

Viburnum nudum
" lantana
Black locust ~~Opuntia~~
Birch
Linden
Maple leaved Birch
Mock orange
Russian Olive (Elaeagnus angustifolia)
Silver Poplar
Mulberry
Horse Chestnut

3. Those upon which no mites were found.

Catalpa speciosa
Cassia marylandica
Viburnum opulus
Calycanthus floridus
Aralia pentaphylla
Cornus ~~stolonifera~~
Ligustrum vulgare
" glota
" regelianum
Syringa vulgaris
Hibiscus Syriacus
~~Tamarix~~
Berberis sp.
Lilac
Horse Chestnut

Those in column #1
marked with a *
are the worst infested.

~~692~~ Exp. 2692
~~Ennomia~~ primivora ||
~~Lepidoptera Industrious~~

Centralia, Ill.
30 Aug - 05.
J. J. Davis.

Several pinkish colored larvæ boring in ends of twigs of nursery stock. apple trees.
In all cases the twigs, into which they have bored, are young & tender. In some cases some of the young leaves at the end of ~~the~~ twig have been eaten.
The appearance of the larva is usually told by a little mass of excrement at end of twig.
These trees upon which

d 1 1, 2, 3, 5, 8

ε 1 5, 8, 23, 27, 28, 29, 30, 31

ε 2 30

ε 3 30

ε 4 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, [illegible], 18, 19, 21, 25, 30

ε 5, 30

ε 6

ε 7

ε 8

ε 9 1, 4, 6, 7, 30

ε 10

ε 11

ε 12

ε 13

ε 14

ε 15

c 25 30

c 28

c 41 30

c 54 30

c 58 30

c 67 30

c 98

c 99 2, 3, 5, 8, 30

c 107 1, 3, 6, 7, 9, 10, 11, 15, 17, 30

c 187 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

c 188 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

c 235, 30

c 273 30

c 277 30

c 309

c 318

c 325 30

c 325½ 30

c 420 30

c 425 30

c 430 1, 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

c 431

c 457 4, 6, 7, 16, 30

[illegible] 30

c 591 30

-30 5,8

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1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,1819,20,2122,23,24,25,26,27,28,29,30

25 2,5,30

52 30

855 30

871 1,4,6,7,9,18,30

874 30

875 2,13,14,1-,19,30

8 2,8,30

1,2,3,4,5,7,8,15,30

5 1,3,4,9,30

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6,7 ,30,31

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1,3,4,5,7,8,9,10,11,12,13,14,15,16,17,18,19 21,22, 3,24,25,2 27,28,29,30,31

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1,2,3,4,5,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31

32 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,30

33 1,3,4,5,6,7,8,30

45 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,30

61 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30

72 30

73 30,31

85 30

134

141 30

143 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19

179 30,31

200

203 30,31

208 7,8,9,30,31

209 3,11,12,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30

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248 30,31

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296 31

318 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29

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349 30

354 30,31

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427 13,14,15,30

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461 1,2,3,4,5,6,7,8,9,10,16,17,18,19,30

463 11,12,13,15,30,31

470 30

487 30,31

498 30

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557 1,2,3,4,5,6,7,8,10,11,12,13,14,15,16,17,19,30,31

580 30

616 1,2,4,5,6,30,31

624 3,5,7,8,9,10,14,18,30

625 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30

666 30,31

688 1,2,4,6,30,31

694 8,9,30

30

8,1,30,31

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,3,4,5,6,7,10,11,13,16,18,30

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1,2,3,4,5,6,7,8,10,16,17,20,21,22,23,25,26,27,28,29,30

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1,3,4,5,6,7,8,30,31

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5,10,11,15,20,22,23,24,25,26,27,28,30,31

1,2,3,4,5,6,7,8,10,11,12,18,20,21,22,23,25,26,27,28,29,30,31

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1338 1,2,3,4,5,6,7,8,9,10,11,12,13,19,30,31

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3646 2,3,5,7,[illegible]

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5724 | 1,2,3,4,5,6,7,[illegible],10,11,12,13,[illegible],20,[illegible],27,28,[illegible]

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5875 | 1,2,3,4,5,6,[illegible],10,11,12,13,[illegible],30

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5951 | 30

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29 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

32 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 14, 16, 17, 18, 20, 24, 25, 26, 30

32¼ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

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37 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

38 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 23, 24, 25, 26, 28, 29

39 1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29

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40 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

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3 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, [illegible]

5 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33

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23 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, [illegible]
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24 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33

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27 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, [illegible]

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29 | [illegible]

30 | 1, 2, 3, 4, [illegible]

31 | [illegible]

32 | 1, 2, 3, [illegible]

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36 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35,

43 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35,

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47 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35,

48 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 3, 34, 33,

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51 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25,

59 | 1, 2, 32,

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62 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 35, 33

63 | [illegible]

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67 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 35, 33,

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71 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35,

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[illegible]

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37. 1. 2. 3. 4. 5. 6. 7. 8½. 9. 11. 13. 15. 16. 17. 18. 19. 20. 23. 24. 40. 42. 43. 45. 46. 47. 48.
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37. V. 1. (3). 2. 3. 4. 5. 6. 7. 8½. 9. 11. 13. 15. 16. 17. 18. 19. 20. 23. 24. 40. 42. 43. 45. 46. 47. 48
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82. 84. 86. 87. 90. 97. 1010. 03. 06. 07. 08. 14. 16. 19. 19½. 20. 21. 22. 24. 26. 28. 34. 36. 40. 48.
49. 51. 53. 68. 73. 83. 84. 85. 86. 88. 90. 91. — 1099. 1100. 01. 02. 04. 05.

45. 1/2. 2. 3. 4. 6. 7. 19. 20. 23. 40. 43. 46. 47. 48. 49. 51. 54. 59. 65. 66. 82. — 263. 6
X. 72. 75. 78. 82½. 83. 89. 93. 94. 96. 302. 07. 09. 20. 23. 25. 26. 30. 36. 40. 41. 45. 47. 54. 58.
59. 62. 65. 68. 70. 71. 72. 75. 76. 81. 91. 93. 94. 401. 02. 03. 04. 06. 11. 12. 16. 18½. 25.
39. 49. 54. 58. 63. 69. 73. 82. 91. 98. 99. 500. 03. 05. 07. 09. 11. 12. 16. 18. 25. 28. 33.
41. 42. 47. 48. 49. 51. 57. 58. 61. 73. 75. 87. 95. 97. 604. 06. 08. 13. 18. 23. 28. 33. 41.
53. 55. 57. 60. 72. 76. 84. 94. 723. 29. 47. 48. 50. 53. 54. 49. 56. 63. 76. 84. 70. 71. 9
800. 05. 12. 24. 29. 33. 34. 37. 40. 42. 45. 47. 53. 60. 69. 71. 81. 84. 87. 88. 89. 90.
11. 13. 18. 30. 32. 35. 39. 40. 41. 45. 46. — 85. 86. 89. 91. 92. 95. 96. 97. 99. 101. 04. 08. 09. 12. 13.
21. 25. 29. 32. 33. 40. 41. 49. 52. 55. 59. 67. 81. 82. 87. 92. 97. 99. 201. 09. 18. 19. 27. 32.
35. 39. 40. 46. 53. 56. 59. — 954. 57. 58. 59. 62. 64. 65. 66. 69. 71. 72. 73. 74. 76. 78. 80. 83. 84. 8
97. 1000. 03. 06. 07. 08. 14. 16. 19. 19½. 20. 21. 22. 24. 26. 28. 34. 36. 40. 48. 49. 51. 53. 68. 73. 83. 8
86. 88. 90. 91. — 1099. 1100. 1101. 04. 05.

46. 1. 2. 3. 4. 6. 7. 19. 20. 23. 43. 46. 47. 48. 49. 51. 53. 54. 59. 65. 66. 82. — 263. 67.
XI. 72. 75. 78. 82½. 83. 89. 93. 94. 96. 302. 07. 09. 20. 23. 25. 28. 30. 36. 40. 41. 45.
54. 52. 58. 59. 62. 65. 68. 70. 72. 75. 76. 81. 91. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16.
25. 34. 39. 54. 58. 59. 63. 69. 73. 82. 91. 98. 99. 500. 03. 05. 07. 10. 11. 16. 18. 25. 28. 33.
41. 42. 47. 48. 49. 51. 57. 58. 61. 74. 75. 87. 95. 601. 04. 06. 08. 13. 18. 23. 28. 33. 41.
47. 54. 55. 57. 60. 72. 76. 84. 94. 723. 29. 47. 48. 49. 53. 54. 50. 56. 63. 67. 70. 76. 84.
93. 800. 05. 12. 24. 29. 33. 34. 37. 40. 42. 45. 47. 55. 60. 69. 71. 81. 84. 87. 88. 89.
903. 08. 11. 13. 18. 30. 32. 35. 39. 40. 41. 45. 46. — 85. 86. 89. 91. 92. 95. 96. 97. 99. 101.
08. 09. 12. 13. 17. 21. 25. 29. 32. 33. 40. 41. 49. 52. 55. 59. 67. 81. 82. 87. 92. 97. 99. 201. 09.
20. 27. 32. 34. 35. 40. 39. 46. 53. 56. 59. — 957. 59. 58. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76. 78.
86. 87. 89. 90. 97. 1000. 03. 06. 07. 08. 14. 16. 19. 19½. 20. 21. 22. 24. 26. 28. 34. 36. 40. 48. 49.
53. 68. 73. 83. 84. 85. 86. 88. 90. 91. — 1099. 1106. 01. 04. 05.

47. 1. 2. 4. 6. 7. 19. 20. 23. 43. 46. 47. 48. 49. 51. 53. 54. 59. 65. 66. 82. — 263. 67. 68.
XII. 75. 78. 82½. 83. 89. 93. 94. 96. 302. 07. 09. 20. 23. 25. 28. 30. 36. 40. 41. 45.
52. 58. 59. 62. 65. 68. 70. 72. 75. 76. 81. 91. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16.
25. 34. 39. 49. 54. 58. 59. 63. 69. 73. 82. 95. 98. 99. 500. 03. 05. 07. 10. 11. 16. 18. 25. 28.
37. 41. 44. 47. 48. 49. 51. 57. 58. 61. 74. 75. 87. 95. 601. 04. 06. 08. 13. 18. 23. 28. 37. 4
47. 54. 55. 57. 60. 72. 76. 84. 94. 723. 30. 47. 48. 49. 50. 53. 54. 56. 63. 70. 71. 76. 8
93. 800. 05. 12. 24. 29. 33. 34. 37. 40. 42. 45. 47. 55. 62. 69. 71. 81. 84. 87. 88. 8
906. 08. 11. 13. 18. 30. 32. 22. 39. 40. 41. 45. 46. — 85. 86. 89. 91. 92. 96. 95. 97. 99. 101. 04.
0. 12. 13. 17. 21. 25. 30. 32. 33. 40. 41. 50. 52. 55. 59. 67. 81. 82. 87. 92. 97. 99. 201. 09.
22. 27. 32. 34. 35. 39. 40. 46. 53. 56. 59. — 957. 58. 59. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76.
80. 81. 86. 87. 90. 97. 1000. 03. 06. 07. 08. 14. 19. 19½. 20. 21. 22. 24. 26. 28. 34. 36. 40. 48. 49.
53. 68. 73. 83. 84. 85. 88. 86. 90. 91. — 1099. 1001. 04. 05.

48. 1. 2. 4. 6. 7. 19. 20. 23. 43. 46. 47. 48. 49. 51. 53. 54. 59. 65. 66. 82. — 263. 67. 68. 72.
XIII. 78. 82½. 83. 91. 93. 94. 96. 302. 09. 07. 20. 23. 25. 28. 30. 36. 40. 41. 45. 47. 54. 5
59. 62. 66. 68. 70. 72. 75. 77. 81. 91. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16. 18½. 25. 34.
XXX. XXX. XI VI XXX

49. 58. 59. 64. 69. 75. 87. 95. 98. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 37. 41. 44. 47. 48. 49. 54. 57. 58. 61. 74. 75. 87. 95. 601. 04. 06. 08. 13. 18. 23. 28. 37. 41. 45. 47. 54. 55. 57. 62. 72. 76. 84. 94. 723. 30. 46. 48. 49. 50. 53. 54. 56. 63. 70. 71. 76. 84. 93. 800. 05. 12. 24. 29. 33. 34. 37. 40. 42. 45. 47. 55. 62. 64. 71. 81. 84. 87. 88. 89. 90. 905. 08. 11. 13. 18. 30. 32. 22. 39. 40. 41. 45. 49. — 85. 86. 90. 91. 92. 96. 97. 98. 99. 101. 08. 09. 12. 13. 17. 21. 25. 29. 31. 32. 33. 40. 41. 42. 49. 52. 54. 58. 69. 81. 82. 92. 97. 99. 201. 09. 13. 21. 27. 32. 34. 35. 39. 40. 46. 53. 56. 57. — 957. 59. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76. 78. 80. 84. 86. 87. 97. 1000. 02. 07. 08. 14. 19. 19½. 20. 21. 22. 25. 26. 28. 34. 36. 40. 48. 49. 51. 53. 68. 73. 83. 84. 85. 86. 88. 90. 91. — 1099. 1100. 01. 04. 05.

49. 1. 2. 4. 6. 7. 19. 23. 43. 46. 47. 48. 49. 50. 53. 54. 59. 65. 66. 82. — 263. 67. 68. 72. 75.
XIV. 78. 82½. 83. 91. 93. 94. 96. 302. 07. 09. 20. 23. 25. 28. 30. 36. 40. 41. 45. 51. 54. 58. 52. ~~701.~~ 59. 62. 66. 68. 70. 72. 75. 77. 81 91. 93. 94. 401. 02. 03. 06. 11. 13. 04. 06. 18½. 25. 34. 39. 49. 58. 59. 64. 69. 75. 87. 95. 98. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 37. 41. 44. 47. 48. 49. 54. 57. 58. 61. 74. 75. 87. 95. 601. 04. 06. 08. 13. 18. 23. 28. 37. 41. 45. 47. 54. 55. 57. 62. 72. 76. 84. 94. 723. 30. 47. 48. 49. 50. 53. 54. 56. 63. 70. 71. 76. 84. 93. 800. 05. 12. 24. 29. 33. 34. 37. 40. 42. 45. 47. 55. 62. 69. 71. 81. 84. 87. 88. 89. 90. 905. 08. 11. 13. 21. 30. 34. 22. 39. 40. 41. 45. 49. — 85. 86. 89. 91. 92. 93. 96. 97. 99. 101. 02. 08. 09. 12. 13. 17. 21. 25. 29. 31. 32. 33. 41. 42. 49. 52. 58. 59. 67. 81. 82. 87. 92. 97. 99. 201. 09. 13. 21. 27. 32. 34. 36. 39. 40. 49. 46. 53. 56. 57. — 957. 59. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76. 80. 84. 86. 87. 97. 1000. 03. 07. 08. 14. 19. 19½. 20. 21. 22. 25. 26. 28. 34. 36. 40. 48. 49. 51. 53. 68. 73. 82. 84. 85. 86. 88. 90. 91. — 1099. 1100. 01. 04.

50. 1. 2. 4. 6. 7. 19. 20. 43. 46. 47. 48. 49. 51. 53. 54. 59. 65. 66. 82. — 263. 67. 68.
XV. 72. 74. 78. 82½. 85. 91. 93. 97. 302. 07. 09. 20. 23. 25. 28. 30. 36. 40. 41. 45. 51. 54. 58. 52. 59. 62. 66. 68. 70. 72. 75. 77. 81. 91. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16. 18½. 26. 34. 39. 49. 58. 59. 64. 69. 75. 87. 95. 98. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 37. 41. 44. 47. 48. 49. 54. 57. 58. 61. 74. 75. 87. 95. 601. 04. 06. 08. 13. 18. 23. 28. 37. 41. 45. 47. 54. 55. 57. 62. 72. 76. 84. 701. 23. 30. 47. 48. 49. 50. 53. 56. 63. 70. 71. 76. 84. 93. 800. 05. 12. 24. 29. 33. 34. 37. 40. 42. 45. 47. 55. 62. 69. 71. 81. 84. 87. 88. 89. 90. 905. 08. 11. 13. 21. 30. 34. 22. 39. 40. 41. 45. 49. — 85. 87. 90. 91. 92. 96. 97. 98. 99. 101. 04. 08. 09. 12. 13. 17. 21. 25. 29. 31. 32. 33. 41. 42. 49. 52. 58. 59. 67. 81. 82. 87. 92. 97. 99. 201. 02. 09. 13. 21. 29. 32. 33. 34. 39. 40. 46. 53. 54. 57. — 957. 59. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76. 80. 84. 86. 87. 97. 1000. 03. 07. 08. 14. 19. 19½. 20. 22. 25. 26. 28. 34. 36. 40. 48. 51. 53. 68. 73. 83. 84. 85. 90. 91. 99. 1100. 1104.

51. 1. 2. 4. 6. 7. 19. 20. 43. 46. 47. 48. 49. 51. 53. 54. 59. 65. 66. 82. — 263. 67. 68. 72. 74.
XVI. 78. 82½. 83. 91. 93. 97. 302. 07. 09. 20. 23. 25. 28. 30. 36. 40. 41. 45. 51. 54. 58. 52. 59. 62. 66. 68. 70. 72. 74. 75. 77. 81. 91. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16. 18½. 26. 34. 39. 49. 51. 59. 64. 69. 75. 87. 95. 98. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 37. 42. 44. 47. 48. 49. 54. 57. 58. 61. 74. 75. 87. 95. 601. 04. 08. 13. 18. 23. 28. 37. 41. 45. 47. 54. 55. 57. 62. 72. 76. 84. 701. 23. 32. 47. 48. 49. 50. 53. 56. 63

70. 71. 76. 87. 93. 800. 05. 12. 24. 29. 33. 34. 37. 40. 42. 45. 47. 55. 62. 69. 71.
84. 87. 89. 90. 905. 08. 11. 13. 21. 30. 34. 22. 39. 40. 41. 45. 49. — 85. 87. 96. 97. 98.
92. 99. 101. 04. 08. 09. 12. 13. 17. 21. 25. 29. 31. 32. 35. 41. 42. 50. 52. 58. 59. 69. 81. 82. 87. 92. 97. 201.
13. 21. 25. 32. 34. 36. 39. 40. 46. 53. 56. 57. — 957. 59. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76. 80. 84. 86.
97. 1000. 03. 07. 08. 14. 19. 19½. 20. 22. 25. 26. 28. 34. 36. 40. 48. 51. 53. 68. 73. 83. 84. 85. 88. 90.
1100. 04

52. 1. 2. 4. 6. 19. 20. 43. 46. 47. 48. 49. 51. 53. 54. 59. 65. 66. 82. — 263. 67. 68. 72.
XVII. 82½. 85. 91. 93. 97. 302. 07. 09. 20. 23. 25. 28. 30. 36. 40. 41. 51. 54. 58. 59.
66. 68. 70. 72. 74. 75. 77. 81. 91. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16. 18½. 26.
34. 39. 49. 58. 59. 64. 69. 75. 87. 95. 98. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 37. 42. 44. 47. 48.
54. 57. 58. 61. 74. 75. 87. 95. 601. 04. 06. 13. 18. 23. 28. 37. 41. 45. 47. 54. 55. 57.
62. 72. 76. 84. 701. 23. 32. 47. 48. 49. 50. 53. 56. 63. 70. 71. 76. 84. 93. 800. 05. 12.
13. 24. 29. 33. 34. 37. 40. 42. 45. 47. 55. 62. 69. 71. 81. 84. 87. 89. 90. 905. 08.
13. 14½. 21. 30. 34. 22. 39. 40. 41. 49. — 85. 87. 89. 96. 97. 98. 99. 101. 04. 08. 09. 12.
21. 25. 29. 31. 32. 35. 42. 41. 50. 52. 58. 59. 69. 81. 82. 87. 92. 97. 201. 06. 09. 21. 28. 36. 39. 40. 46.
57. 957. 59. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76. 80. 84. 86. 87. 97. 1000. 03. 07. 08. 14. 19.
20. 22. 25. 26. 28. 34. 36. 41. 48. 51. 53. 68. 73. 83. 84. 85. 88. 90. 91. 99. 1100. 04.

53. 1. 2. 4. 6. 7. 19. 20. 43. 46. 47. 48. 49. 51. 53. 54. 59. 66. 82. — 263. 67. 68. 72. 74.
XVIII. 82½. 85. 91. 93. 97. 302. 07. 09. 20. 23. 25. 28. 30. 36. 40. 41. 51. 54. 58. 59. 65.
68. 70. 72. 74. 75. 77. 81. 91. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16. 18½. 26. 34. 39. 49.
54. 64. 69. 74. 87. 95. 98. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 37. 42. 44. 47.
49. 54. 57. 58. 61. 74. 75. 87. 95. 601. 04. 08. 13. 18. 23. 28. 37. 41. 45. 47. 54. 55.
62. 72. 76. 84. 701. 23. 32. 47. 48. 49. 50. 53. 56. 63. 70. 71. 76. 84. 93. 801.
13. 24. 29. 33. 34. 37. 40. 42. 45. 47. 55. 62. 69. 71. 81. 84. 87. 89. 90. 905. 08.
13. 14½. 21. 30. 34. 22. 39. 40. 41. 49. — 85. 88. 89. 91. 92. 96. 97. 98. 99. 101. 04. 08. 09. 12.
21. 25. 29. 31. 32. 35. 42. 143. 41. 50. 52. 58. 59. 69. 81. 82. 87. 92. 97. 201. 06. 09. 21. 28. 36. 39. 40. 46.
57. 957. 59. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76. 80. 84. 86. 87. 97. 1000. 03. 07. 08. 14. 19.
20. 22. 25. 26. 28. 34. 36. 41. 48. 51. 53. 68. 73. 83. 84. 85. 88. 90. 91. 99. 1100. 04.

54. 1. 2. 4. 6. 19. 20. 43. 46. 47. 48. 51. 53. 54. 59. 65. 66. 70. 82. — 263. 67. 71. 72. 74.
XIX. 82½. 85. 91. 93. 97. 302. 07. 09. 20. 23. 25. 28. 30. 37. 40. 41. 51. 54. 52. 58. 59. 65.
68. 70. 72. 74. 75. 77. 81. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16. 18½. 26. 34. 39.
58. 59. 64. 69. 75. 87. 95. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 37. 42. 44. 47. 48.
54. 57. 58. 61. 74. 78. 87. 95. 601. 04. 08. 13. 18. 23. 28. 37. 41. 45. 47. 54. 55. 57.
62. 74. 701. 23. 32. 47. 48. 49. 50. 53. 56. 63. 70. 71. 76. 84. 93. 801. 05. 13. 24.
33. 34. 39. 40. 42. 45. 47. 55. 62. 69. 71. 81. 84. 87. 89. 90. 905. 908. 11. 13. 14½.
30. 34. 22. 39. 40. 41. 49. — 85. 87. 91. 92. 94. 97. 98. 101. 04. 08. 09. 12. 14. 17. 21. 25. 29. 31. 32.
41. 42. 50. 52. 58. 59. 69. 81. 82. 87. 92. 97. 201. 06. 09. 12. 21. 33. 34. 36. 46. 53. 56. 57. 957. 59.
64. 65. 67. 69. 71. 72. 73. 74. 76. 80. 84. 87. 97. 1000. 03. 07. 08. 14. 19. 19½. 20. 22. 25. 1026. 2

36. 41. 48. 51. 53. 68. 73. 83. 87. 85. 88. 90. 91. 99. 1100. 04.

55. 1. 2. 4. 6. 19. 20. 43. 46. 47. 48. 51. 53. 48. 59. 65. 66. 70. 82. — 263. 67. 71. 78.
XX. 82½. 83. 91. 93. 97. 302. 07. 09. 20. 23. 25. 28. 30. 41. 51. 54. 58. 52. 59. 65. 66. 68.
70. 72. 74. 75. 77. 81. 37. 40. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16. 18½. 26. 34.
39. 57. 58. 59. 64. 69. 75. 87. 95. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 39. 42. 44. 47.
48. 49. 54. 57. 58. 61. 74. 78. 87. 95. 601. 04. 08. 18. 23. 28. 37. 41. 45. 47. 54. 55. 57.
62. 77. 84. 701. 23½. 35. 47. 48. 49. 50. 53. 56. 63. 70. 71. 76. 84. 93. 801. 05.
13. 24. 29. 33. 35. 39. 40. 42. 46. 47. 56. 62. 69. 71. 81. 84. 87. 89. 90. 905. 08.
11. 13. 14½. 21. 30. 34. 37. 39. 40. 41. 49. — 85. 88. 91. 92. 96. 97. 98. 99. 100. 01. 04. 09. 12. 13. 17.
28. 31. 32. 36. 41. 45. 52. 58. 64. 81. 82. 87. 94. 97. 201. 06. 09. 13. 21. 33. 34. 36. 39. 46. 53. 56. 57. —
957. 59. 62. 64. 65. 67. 69. 71. 72. 73. 74. 76. 80. 84. 87. 97. 1000. 03. 07. 08. 14. 19. 19½. 20. 22. 25.
26. 28. 34. 36. 41. 48. — 1051. 53. 68. 73. 83. 84. 85. 88. 90. 91. 99. 1100. 01. 04. 05.

56. 1. 2. 4. 6. 19. 20. 43. 46. 47. 48. 51. 53. 58. 59. 65. 66. 70. 82. — 263. 67. 71. 78.
XXI. 82½. 85. 91. 93. 97. 302. 07. 09. 20. 23. 25. 28. 30. 37. 40. 41. 51. 54. 58.
52. 59. 65. 66. 68. 70. 72. 74. 75. 77. 81. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16.
18½. 26. 34. 39. 51. 58. 59. 64. 69. 75. 87. 95. 500. 05. 07. 10. 11. 16. 18. 25. 28. 35.
39. 42. 44. 47. 49. 54. 57. 58. 61. 74. 78. 87. 95. 601. 04. 08. 18. 27. 28. 37. 41. 45. 47.
54. 55. 57. 62. 77. 84. 701. 23½. 35. 47. 48. 49. 51. 56. 63. 70. 71. 76. 84. 93. 801. 05.
13. 24. 29. 33. 35. 39. 40. 42. 46. 47. 56. 62. 69. 71. 81. 84. 87. 89. 90. 905. 08. 11. 13.
14½. 21. 30. 34. 37. 39. 40. 41. 49. — 85. 88. 91. 92. 96. 97. 98. 99. 100. 05. 08. 09. 12. 17. 23. 28. 31. 32.
36. 41. 42. 52. 58. 64. 81. 82. 87. 94. 97. 201. 06. 09. 13. 21. 33. 34. 36. 39. 46. 53. 56. 57. — 957. 59. 62.
64. 65. 67. 69. 71. 72. 74. 76. 80. 81. 84. 87. 97. 1000. 03. 07. 08. 14. 19. 19½. 20. 22. 25. 26. 28. 34.
36. 41. 48. — 1051. 53. 68. 73. 83. 84. 85. 88. 90. 91. 99. 1100. 04. 05.

57. 1. 2. 4. 6. 19. 23. 43. 46. 47. 48. 51. 53. 59. 61. 65. 66. 70. 82. — 263. 67. 71. 78.
XXII. 82½. 85. 91. 93. 302. 03. 07. 09. 20. 23. 25. 28. 30. 37. 40. 41. 54. 52. 58. 59. 65. 66.
68. 70. 72. 74. 75. 77. 81. 93. 94. 401. 02. 03. 04. 06. 11. 13. 16. 18½. 26. 35. 39. 57. 58.
59. 64. 66. 75. 87. 95. 500. 05. 07. 10. 11. 16. 18. 25. 28. 33. 39. 42. 44. 47. 49.
54. 57. 58. 61. 74. 78. 87. 95. 601. 04. 08. 18. 27. 28. 39. 41. 45. 47. 54. 55. 57.
62. 77. 84. 701. 23½. 35. 47. 48. 49. 51. 53. 56. 63. 70. 71. 76. 84. 93. 801. 05. 13.
24. 29. 33. 35. 39. 42. 46. 47. 56. 62. 69. 74. 81. 84. 87. 89. 90. 905. 08. 11. 13. 14½.
21. 30. 34. 37. 39. 40. 44. 49. — 85. 88. 91. 92. 96. 97. 98. 99. 101. 05. 08. 09. 12. 13. 17. 23. 28. 31. 32.
36. 41. 52. 58. 74. 81. 82. 87. 94. 97. 201. 06. 09. 13. 21. 33. 34. 39. 40. 46. 53. 54. 56. 57. — 957. 59. 62. 64.
65. 67. 69. 71. 72. 74. 76. 80. 81. 84. 87. 97. 1000. 03. 07. 08. 14. 19. 19½. 20. 22. 25. 26. 28. 34. 36.
41. 48. 57. 53. 66. — 1073. 83. 84. 85. 88. 90. 91. 99. 1100. 04. 05.

58. 1.2.4.6.19.23.43.46.47.48.51.53.59.61.65.66.70.82.—263.67.71.78.82½.
XXIII. 91.93.302.03.07.09.20.23.25.28.30.37.40.41.54.58.52.59.65.66.68.
72.74.77.81.93.94.401.02.03.04.06.11.13.16.18½.26.35.39.51.58.59.64.
75.87.93.500.05.08.10.11.16.18.25.28.33.39.42.44.47.49.54.57.58.
74.78.87.95.604.08.18.27.28.39.41.45.47.54.55.57.62.81.84.
23½.35.47.48.49.51.54.56.63.70.71.76.84.93.801.05.14.24.29.33.
39.40.42.46.48.56.62.69.74.81.84.87.89.90.905.08.11.13.14½.21.
30.34.37.39.40.44.49.—85.88.91.92.96.97.98.99.101.04.08.09.12.14.17.21.25.31.32.
41.42.52.58.59.72.74.81.82.87.97.201.06.09.13.21½.33.34.39.40.46.53.56.57.—957.54.62.
65.67.69.71.72.74.76.80.81.84.87.97.1001.03.07.08.14.19.19½.20.22.25.28.34.36.
48.51.68.70.85.—1083.84.85.88.90.91.99.1101.04.05.

59. 1.2.4.6.19.23.43.46.47.48.51.53.59.61.65.66.70.82.—263.67.71.78.
XXIV. 91.93.94.303.07.10.20.23.25.28.30.37.40.41.54.58.52.59.65.66.68.
72.74.77.81.93.94.401.02.03.04.06.11.13.16.18½.26.35.39.51.58.59.
64.69.75.87.95.500.05.08.10.11.16.18.25.28.33.39.42.44.47.49.
51.58.01.74.78.94.95.604.08.18.27.28.39.41.45.47.54.55.57.62.81.84.
701.23½.35.47.48.49.51.54.56.63.70.72.76.84.93.801.05.14.24.
33.36.39.40.42.46.48.60.69.74.81.84.87.89.90.905.08.11.13.14½.21.
34.37.39.40.44.49.—85.88.91.92.96.97.98.99.101.04.08.09.12.17.23.25.31.32.35.
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" " "
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[illegible] Pasadena.
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[illegible] High School D. W. Harris. (10) Insects
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[illegible], J. F. Everett 12 "
[illegible] E. R. Lounsberry, 13 "
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[illegible], J. W. Hays, 16 "
[illegible] Co., Wm. J. Britton, 17 "
[illegible], L. W. 18 "
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78.
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	6477	Lepidopterous imago	from 6039, July 9, 85
	6478	Phycis indiginella	from 5889, " 10 85
	6479	3 "	" " 5480 " " "
	6480	4 "	" " " " 11 "
	6481	Libellulid	Univ Grnd. Urb July 11, 85
	6482	Slides of spleen from 4940	
Pinned	6483	Mixed insect sweepings.	Urb. July 9, 85
	6484	Larvæ of Hesperidæ and leaf Rollers on Flowering Beans	Ch. July 13. 85
	6485	Same as 6484	
	6486	Insects from apples.	Ch. July 13, 85
	6487	Phycis indiginella	" " "
Pinned	6488	Semiothe finetaria, flying at night,	Urb. July 12 85
	6489	Pupæ from 6327.	July 13 85
Pinned	6490	Scelodonta nebulosus	on Evening Primrose, Mahomet Ills. Jul
	6491	Phycis indiginella larvæ.	Ch. July 12, 85
	6492	Chrysochus auratus	Univ. Grnd, Urb. July 13. 85
	6493	"	♂♂♀♀ Pinned " " " " "
	6494	Pupæ from galls on ironwood leaves	" " " " "
Pinned	6495	Aps fasciatus	on corn " " " " "
"	6496	Insects.	" " " " "
	6497	Bombyx moth	" " " " "
	6498	Moths at light	Ch. July 11, 85, Champ Co.
	6499	Slides from ~~Spleen~~ ~~kidney~~ of 4940 (blood clot)	
	6500	Limenitis disippus	from Willow, Urb. July 14 85 B.C.
	6501	Same as 6500	"
	6502	Pemphigus vagabundus	on Cottonwood Urb. July 14, 85.
Pinned	6503	Elaters and other Coleop.	at sugar. Univ. Grnd. Urb. July 13
	6504	Slides [illegible] of 4940	
Pinned	6505	Imago and Pupa case	from 5967, July 14, 85
"	6506	Hymenopterous parasites	from 6330 " "
	6507	Minute red larvæ	from 6102 " " See notes
	6508	Slides of liver of 4940	
	6509	Same as 6511	
	6510	Phyllobius pelus	Pandorus on Grape. Mt. Carmel, Ills, July 1
	6511	Rhyncophorous larvæ	on timothy. Normal, Ills. " "
	6512	" larva	" " Univ. Grnd. Urb. " 14 85
	6513	Larvæ of leaf miner	on elm. Urbana Ills July 14. 85 B.
	6514	Same as 6513.	
	6515	Larvæ of leaf miner	on oak Urbana Ills. July 14 85 B.
	6516	Same as 6515	
	6517	Larvæ of leaf miner	on crab-apple " " " " 3.
	6518	Oak-galls	" " " " 3C
	6519	Slides of brain from 4940	
	6520	Echinorhynchus [illegible]	" " " " B

6521 Papilio turnus ? on cpie bush. Urbana, Ills July 14 85 B.C
6522 Same as 6521
6523 Lepid. larvæ of Choke Cherry. " " " " B.C.
6524 From 6199. July 15. 85
6525 From 6227 " "
6526 " 6464 " " Newly hatched larvæ.
6527 Coleop larvæ and imagos from grass roots. U. S. Urb. July 14, 85:
6528 Plant-lice from clover-roots. " " " "
6529 Coleop. at sugar, " " " "
6530 Eburia quadrigemmata from oak fence post-, Urb. July 15. 85
6531 Papilio ? on Univ Grnd.. Urb. July 15. 85: B.C.
6532 Aphidæ on Hard Maple. Springfield, Ills. July 1. 85.
6533 Larva said to injure currant leaves, Spgfld, Ills, June 24. 85. P.H. Hart.
6534 Larvæ from fallen plums. Champaign, Ills. July 13 85
6535 Misel insects from corn. Urbana, Ills. July 15. 85
6536 " - Sweepings from timothy " " " "
6537 " " " " " "
6538 Hemipter on corn " " " "
6539 Misel. insects, sweeping " " " "
6540 " " " edges of corn field " " " "
6544 Larvæ from apple Champaign Ills " "
6542 " " Plum " " " "
6543 Carpocapsa & Eps from same apple " " " "
6544 Pelidnota punctata from grape. " " " "
6545 Hemipterous eggs from corn. Urb. Ills " " B.C.
6546 Rose beetles from Strawberry. Rockford Ills. " "
6547 Larvæ in crab-apples Champaign Ills July 15 85 B.C.
6548 " " Plums " " " " B.C. Died
6549 Lepidop. larva on corn Urb. Ills. July 13 85 B.C.
6550 Heliothis armigera on corn " " " " B.C.
6551 Crambus zeellus from 5778. July 16 85
6552 Misel. insects at freshet. Univ. Grnds. Urb. July 13. 85
6553 " " Sweepings, woods. Urb. " " 85
6554 Cicindela from " " " " "
6555 Eupsalis minuta from fallen logs, " " " "
6556 Misel Insects from woods " " " "
6557 Scolytidæ " fallen logs " " " "
6558 Elateridæ & Buprestidæ from woods " " " "
6559 Hemipter from woods " " " "
6560 Bombus Sp? " " " " " "
6561 Ephemeridæ " " " " " "
6562 Moths at sugar Univ Grnds Urb. " 13 "
6563 " " " " " " " 14 " Bibio larvæyana Packard on Peas
6564 " " " " " " " 15 " Bibio Sp!

Pinned	6565	Misel insects at light,	Univ. Grnds.	Urb.	July 15,	85		
"	6566	" " " sugar	"	"	"	"	"	"
"	6567	Misel. insect — pith of apple from mine, bees & pupa case	Urb. July					
	6568	Coleop. Larvae in rotten Stump	Urb. Hts.	July	16	85		
	6569	" of dipterous parasite of Gelechia cerealella	Urb.	July	16	85		
	6570	Leaf miner of corn	"	"	"	"		
	6571	Same as 6568						
	6572	Same as 6567						
	6573	Epicauta vittata & its corn field	Urb,	July	16,	85		
Pinned	6574	Insects from corn	"	"	"	"		
"	6575	Scarabaeus beetle	"	"	"	"		
	6576	Larva from Wild Cerasus	"	"	"	"		
Pinned	6577	Mise insect, sweepings	"	"	"	"		
"	6578	27 Epe fasciatus from our crab apple	Champn	"	"	"		
	6579	Cut worms from Corn field,	Ridout Hts.	June	8.	85	L. Ill.	Iowa
Pinned	6581	Mixe insects, sweepings.	Univ. Grnds	Urb.	July	16.	85	
	6581	Galls on Solidago	Champn	Hts	"	"		
Pinned	6582	Lixus concavus on Helianthus.	Univ Grnds.	Urb.	"	"		
	6583	Aphidae, Red on cow weed	"	"	"	"		
	6584	Parasites of Hippodamia maculata,	Champn.	July	17,	85	B.	
Pinned	6585	Insects from corn	"	"	"			
"	6586	Epe. from Corn	"	"	"			
	6587	Larva from mine of Corn leaf miner	"	"	"			
	6588	Hippodamia maculata & Cocoon of parasite	"	"	"			
Pinned	6589	Mise. insects, Sweeping from Cornfield	"	"	"			
"	6590	Mise. insects, Sweepings	"	"	"			
	6591	Leaf Miner in Black Locust	"	"	"		B	
	6592	Same as 6591						
	6593	Leaf Miner in Grape	"	"	"			
	6594	Nolodonta Uniconis ? on Rose	"	"	"			
	6595	Lepid. larva on Rose	"	"	"			
	6596	Larvae in crab apples, same tree as 6400						
	6597	Leaf Roller on Sumach	"	July	8,	85		
	6598	Same as 6097						
	6599	Imago & Pupa case from 6373		July	19,	85		
	6600	Scioni in & in decaying vegetation	Urb.	July	18,	85		
	6601	Same as 6600						
	6602	From 6394, July 19, 85.						
	6603	Codling moth larva from interior of Burdock Heads	Urb,	July	18.	85	B	
Pinned	6604	Mixa insects,	Urb,	July	18	85.		
	6605	Lepidopterous larva from apple leaf	"	"	"	"		
	6606	" larvae on ground under apple tree	"	"	"	"		
	6607	From 6378 July 21, 85.						
	6608	" " " 21, 85.						

6609. From 6397. July 18. 85.
6610. Rupae from 6500 July 20. 85
dm 6611 Epicauta from Tomato, Univ Grnds. Urb. July 11, '85
" 6612 Misc insects, sweepings, " " " " "
" 6613 Insects from Lawn " " " " "
6614 Gortyna of Tomato " " " " "
6615 Hipparchia maculata & Euphoneal parnita " " " " "
nd 6616 Corn-root worm & ins. from cornfield Champaign " " "
6617 From. 5980. July 17, 85; Pieris indigenella
6618 Dragonfly Champaign Co. July 14, 85
6619 Papilio asterias " " " 16. 85.
6620 Dragon fly " " " " "
6621 Moths at sugar Univ. Grnds Urb. July 18, 85 Both Laverynae
6622 Cadepida Carolina from Cornfield, Champaign, July 16, 85
6623 Pieris rapae larvae " " 17. "
dm 6624 Misc Insects. Sweepings, " " 16. "
dm 6625 " " " Urbana " 17. " 10289. 10286
6626 Mites from wings of Catocala, Univ. Grnds Urb. " " "
6627 Cicada septemdecim. Cobden, Ills. June 85
6628 Pezitettix birittatus Champaign July 16. 85.
6629 Moths at sugar Univ. Grnds. Urb. July 16. 85.
6630 " " " " " 17. 85.
6631 Lepid. larvae (V. antiopa?) from Willow " " " " 19 85 B.C.
6632 Same as 6631
6633 From 6323. July 21, 85.
6634 From 6134. July 21. 85.
6635 From 6228. " " "
6636 Curculio? Wireworm from apples, Urb. July 20. 85
6637 Eudemis botrana, larva, from grape. A. Williams, Moline, July 20, 1885
6638 Same as 6637, B.C.
6639 Gortyna from rag-weed. Urb. July 21. 85. B.C.
6640 Same as 6639.
6641 Gortyna from corn " " " " B.C.
nd 6642 Hemiptera from bidens " " " "
6643 From 6569, July 22. 85, See Note under date.
6644 Rupae & larva from 6388.
6645 From 6545. July 22 '85
6646 Rhyncophorous larvae from Normal Ills. Same as 6511. July 21. 85; B.C.
6647 Catocala grynea from larvae fed on pea leaves issued July 22, '85.
6648 Carabidous larva. Champaign July 17 85
dm 6648 Misc Hymenoptera, Sweepings " " "
6650 " Hemiptera " " " "
6651 Lepid.. Larva on grape " " "
6652 Rhizo " " "

pinned	6653	Acmæodera pulchella, on tansy, Sept.	Univ. Grnds.	Urb.	July	18.	
	6654	Neuroptera at sugar	"	"	"	"	17
	6655	Lixus concavus eggs & larvæ.	"	"	"	"	"
pinned	6656	Melanotus communis at sugar. Sept	"	"	"	"	"
	6657	Neuropter at sugar	"	"	"	"	18
pinned	6658	Beetles " "	"	"	"	"	18
"	6659	Misc. Insects, Sweepings,	Champaign		"		17
	6660	Pelidnota punctata, from Virginia Creeper,	Univ. Grnds,	Urb	July	2	
	6661	Libellula	"	"	"	"	"
	6662	Catocala on Maple	Champaign		"		18
	6663	Moth on Apple	Urbana		"		"
	6664	Grapta interrogationis	Univ. Grnds.	Urb.	"		2
	6665	Moth.	"	"	"	"	"
pinned	6666	Coccinellidæ on Iron-weed	"	"	"	"	
"	6667	Misc. Hymenoptera, Sweepings.	"	"	"	"	"
"	6668	Pelopæus cementarius	"	"	"	"	"
"	6669	Misc. Hemiptera, Sweepings.	"	"	"	"	"
"	6670	" Insects "	"	"	"	"	
"	6671	" " , Sweepings in Clover	"	"	"	"	21
"	6672	" " , Sweepings	"	"	"	"	"
	6673	Ephemerid	"	"	"	"	"
pinned	6674	Ephemeridæ, from pasture field, pinned	"	"	"	"	"
pinned	6675	[illegible] and Trichius piger on flowers	"	"	"	"	21
"	6676	Misc. Insects. Sweepings.	"	"	"	"	21
"	6677	Water Insects	"	"	"	"	"
"	6678	Misc. Insects, on elm	"	"	"	"	"
"	6679	" " , Sweepings	"	"	"	"	"
	6680	Carpocapsa pomonella larvæ	Urbana		"		"
pinned	6681	Cicindela from Corn Field	"		"		"
"	6682	Misc Insects	Champaign		"		21
pinned	6683	Heliophila unipuncta from corn	Urbana		"		21
pinned	6684	Misc Insects, Sweepings in Dog fennel,	Champaign		"		22
	6685	" " , Sweepings in Orchard	Univ Grnds,	Urb.	"		"
	6686	Dragon flies on Cedar	"	"	"	"	21
	6687	Misc. Butterflies	"	"	"	"	"
	6688	Celetherus Eponina	"	"	"	"	"
	6689	Locusted	"	"	"	"	"
	6690	Lucanus dama ?				"	"
	6691	White Grub, from roots of Clover	"	"	"	"	"
pinned	6692	Beetles under birds	"	"	"	"	"
	6693	Misc Insects, Sweepings.	"	"	"	"	"
	6694	Raspberry gall	Champaign,		July	5	
	6695	Tetraopes tetrophthalmus,	Univ. Grnds	Urb,	July	18,	8
	6696	Stalk containing eggs from 6695. July 23. 8 5					

6697 A dissected cluster of Eggs from 6695, July 23, 85.
6698 Eggs from abdomen of Tetranopes tranopthalmus. July 23. 85
6699 Hymenopteron parasite from 6584
6700 Geometrid Larva on raspberry. Univ. Grnds Urb. July 21 '85 B.C.
6701 Leaf mines, larvæ & pupæ, on Champaign " 23 " B.C.
6702 Same as 6701
6703 Pupa of Spilosoma Virginica ? " " " " " B.C.
6704 Small Elm tree infested with borers. Normal, Ill. July 8, 1884. B.C.
6705 From 6704, July 23. 85. See notes
6706 From 6704 " " " " "
6707 Isosoma tritica, from ? Prof. Snow, Kansas, July. 85.
6708 Papilio asterias, on Parsnip, Urb, July 23, 85 B.C.
6709 Heterocampa obliqua ♀, general color Gray, " " " "
6710 Imagos, pupa cases & pupæ of Parasitic fly from 6327, July 24. 85.
6711 Hymenoptera parasite from 6684, July 24. 85.
6712 Parasitized Isosoma tritici(?) from rye Ch. July 7, '85,
6713 Vanessa antiopa larvæ, from 6631. July 25 85.
6714 Pupa of Parasite from 6641. July 25. 85 B.C.
6715 Carpocapsa pomonella pupa from inside of Apple. Urb. July 24. 85.
6716 Grass hoppers, from Dr F. M. Goding, Aurora, Ills. July 25, 85;
6717 Curculios. from apples, Urb, July 25. 85.
6718 Reduviid preying on T. tetranotatus. Univ Grnds Urb. July 22, 1885
6719 " from same plant " " " " " "
6720 Leaf roller on Elm " " " " 25 "
6721 Entomophthora calopteni? on Tomonotus. Urb. July 27, 85.
6722 P. indiginella from 5480 July 22. 85
6723 " " " " " 24 " C. pomonella. Urbana, at sale
6724 C. pomonella moths from 6403 July 27. 85 Champaign. at sale
6725 Trypeta pomonella " " " " "
6728 Hyphantria textor moth from 6408 " " "
6729 Pterophorid moth from 6500 " 25 "
6730 Leaf Crumplers from 6255 " 27 " Phycis indiginella
6731 Pelecinus polyceretor Road-side, Univ Grnds. Urb. July 26. 85
6732 Macrosila Carolina, from tomato, Univ. Grnds. Urb, July 26, 85; B.C.
6733 Same as 6732
6734 "Fly" from 6569 July 27. 85
6735 Cecidomyidæ galls on Ash, Univ Grnd. Urb. July 21, '85. B.C.
6736 Dipterous pupæ, between Verbena leaves Univ. Grnds Urb, July 17. B.C.
6737 Imagos & pupæ from 6736. July 27, '85,
6738 Apthis from Grape. Univ. Grnds, Urb. July 27. 85
6739 Misc. Orthoptera, sweepings, C. C. R. R. Champaign, Ills. July 23. 85
6740 " Coleoptera " " " " " "
6741 Dorcaschema alternatum at sugar, Univ. Grnds, Urb. July 22, 85
6742 Rhynchites bicolor on flowers. Champaign, Ills. July 23. 85

Pinned	6743	Trichodes Nuttallii on flowers	Champaign, Ills.	July	23,	8
"	6744	Rhynchitis bicolor on rose,	"	"	"	"
	6745	Arachnid, on flowers	"	"	"	"
Pinned	6746	Misc. Hymenoptera, Sweepings I.C.R.R.	"	"	"	"
"	6747	" Diptera "	"	"	"	"
"	6748	" Hemiptera "	"	"	"	"
"	6749	" ~~Orthoptera~~ Sweepings, woods, Urbana	"	"	"	
"	6750	Mutillid, I.C.R.R.	Champaign,	"	"	
"	6751	Silphidae and Carabidae from dead mice.	Univ. Grnds, Urb.	"		
"	6752	Misc. Hymenoptera, sweepings, I.C.R.R.	Savoy. Ills.	"		
	6753	" Larvae "	"	"	"	
Pinned	6754	" Diptera	"	"	"	
"	6755	Coleoptera	"	"	"	
"	6756	Pupa	"	"	"	
"	6757	Misc. Hemiptera "	"	"	"	
"	6758	" Orthoptera "	"	"	"	
	6759	Onotid, near creek	"	"	"	
Pinned	6760	Chrysochus auratus, on corn	Tolono	"	"	
"	6761	Tenebrionidae, on old Clothes,	"	"	"	
	6762	Epicauta	"	"	"	
	6763	Zygletus femur-rubrum ♀♀.	Urbana July 26: 85.			
Pinned	6764	Misc Hemiptera	Tolono, July	188		
	6765	Tetranodus tetraopthalmus	"	"	"	
Pinned	6766	Epicauta trichrus	"	"		
	6767	Lixus concavus	"	"		
Pinned	6768	Necrophagus marginatus	"	"		
"	6769	Acmaeodera pulchella	"	"		
"	6770	Picte	"	"		
"	6771	Chrysomelidae	"	"		
"	6772	Rhynchitidae	"	"		
"	6773	Misc. Insects	"	"		
	6774	Samia cecropia, larvae	"	"	24	
	6775	Wire worm ? under board	"	"		
	6776	Cut-worm	"	"		
Pinned	6777	Carabidae.	"	"		
	6778	Rhoroeampka tersa larva.	"	"		
	6779	Aphis	"	"		
	6780	Vanessa antiopa, young larvae from Willow	"	"	"	
	6781	" " Eggs " "	"	"	"	
	6782	Papilio asterias, larva	"	"		
Pinned	6783	Hymenoptera, sweepings, I.C.R.R.			"	
	6784	Misc. larvae. " "			"	
Pinned	6785	" Diptera " "			"	
	6786	" Coleoptera " "			"	

6787	Misc Hemiptera, sweepings, I.C.R.R.	Tolono	Ills.	July	25, 85
6788	Chorrocampa tersa putoa	"	"	"	24, "
6789	Trichius piger	"	"	July	85
6790	Hymenopterous larvae from stem of prairie dock.	Univ. Grds.	Urb.	"	27, 85
6791	Parasite on Crossoma tritici from rye,	Champaign,	July 27, 85	(larvae in ale.)	
6792	" " " " " "	" " "	"	(Larv. kept in vial for breding)	
6793	" " 6791	" " "	"	(" " " " " ")	
6794	Misc. Arachnidae, sweepings.	I.C.R.R.	Tolono,	July	25. 85
6795	" Orthoptera "	" "	"	"	"
6796	" Hymenoptera "	"	Savoy,	"	" "
6797	" larvae and Pupae "	" "	"	"	" "
6798	" Diptera "	" "	"	"	" "
6799	" Coleoptera "	" "	"	"	" "
6800	" Chrysomela "	" "	"	"	" "
6801	Trichius piger, on flowers,	"	"	"	"
6802	Misc Hemiptera, sweepings	"	"	"	"
6803	" Orthoptera "	"	"	"	"
6804	" Arachnida "	"	"	"	"
6805	Vanessa antiopa, larvae.	Tolono	"	24	"
6806	Macrocila Carolina, from tomato	"	"	"	"
6807	Carabidae, under boards.	"	"		"
6808	Misc. Insects.	"	"		"
6809	Silphidae from traps,	Univ. Grnds,	Urb.	"	25 "
6810	" " " " " "	"		"	27 "
6811	Lucanus dama, at sugar.	" "	" ,	"	22. "
6812	Ophion Savoy Ills.			"	24 "
6813	Phanaeus carnifex, Champaign,			"	" "
6814	Leaf hopper, on weeds	"		"	" "
6815	"Fly" Savoy, Ills.			"	25 "
6816	Oedipoda carolina, & Pezotettix bibitticatus,	Tolono		"	24 "
6817	Pselaphaenus cinnatarius,	Savoy		"	25 "
6818	Sphex Pennsylvanicus	Tolono		"	" "
6819	Butterflies,	"		"	24 "
6820	Dragon fly	"		"	23 "
6821	Serapis pulvicollis	Champaign		"	24 "
6822	Locustid.	Savoy,		"	25 "
6823	Phasmid.	"		"	" "
6824	Wasps	Champaign		"	28 "
6825	Oedipoda Carolina	"		"	" "
6826	Fly, on flowers	"		"	" "
6827	Phymata erosa	"		"	" "
6828	Catocala,	Univ. Grnds.	Urb	"	22 "
6829	Sphingid. at lamp	Champaign		"	" "
6830	Butterflies	"		"	28 "

6831 Papilio asterias, Champaign, Ills. July 24. 85
6832 Tetraopes tetraopthalmus, ♂ Univ. Grnds Urb. July 27. 85
6833 " " " " " " "
6834 Fly from 6403. July 28. 85.
6835 Larvæ from Potato, Farmingdale, July 27, 85. B.C.
6836 Eggs of ~~Walnut~~ Moth. from 6913 Univ. Grnds. Urb. July 28, 85 B.C.
6837 Dipterous eggs on corn Urbana, " " " 30
6838 Tetraopes tetraopthalmus, Univ. Grnds Urb. " " " B.C.
6839 " " ♀ Eggs. " " " " " " T.C.
6840 Same as 6839. "
6841 Tetraopes tetraopthalmus " " " " " " "
6842 Ant preying on Orthopter " " " " " " "
6843 Chrysocinus auratus Urbana " " "
6844 Datana ministra from 4654 June 16 85
6845 " " " " " 23 "
6846 " " " " " 26 "
6847 " " " " July 2 "
6848 " " " " " 12 "
6849 " " " 4629 June 29 "
6850 " " " " July 10 "
6851 Moths from 4782 June 23, 85.
6852 " " " " 26. 85
6853 Euchaetes egle from 4710 June 19. 85
6854 " " " " " 23 "
6855 Hubnericota tessellata from 4654 June 23. 85.
6856 Spatela oblineta from 4780 June 29. 85.
6857 Isosoma tritica, larvæ, pupæ & parasites in Rye & Wheat, Urb. July 28. 85 B.C.
6858 Trypeta pomonella, from 6403., July 29, 85
6859 C. Pomonella moth, from 6403, " " " Crabapple. Champaign
6860 Parasite with eggs, from 6372 " " "
6861 Trypeta pomonella " 6547 " " "
6862 Diabrotica longicornis from roots of corn (larvæ & pupæ) Univ. Gr. Urb. July 27 85
6863 Grapta interrogationis larvæ on Elm. Univ. Grnds. Urb. July 29 85
6864 Calosoma fennur-rubrum, Young. " " " " " " B.C.
6865 Epicauta in Potato " " " " 28 "
6866 Stomach of Mole. Champaign July 21, 85
6867 Ants, see notes Univ Grnds Urb July 29. 85.
6868 P. indiginella from 5889. July 30. 85
6869 Hymenoptera from 6322 " " "
6870 C. pomonella " 6403 " " " Champaign. On crabapple
6871 Trypeta pomonella " 6403 " " "
6872 Hymenopterous parasites from 6513 " " "
6873 Leaf miner-moth " 6515 " " "
6874 " " Moths " 6591 " " "

6875 Parasitic Diptera from 6736. July 30, 85;
6876 C. Pomonellae from 6603. July 31. 85
6877. Catocala Cara from hickory; Urb. July 30. 85 B.C. id.
6878 Same as 6877
6879 Lepidopterous larvae under boards. Unir. Grnds Urb. July 30, 85; B.C.
6880 Same as 6879
6881 Phalanid larvae feeding on fungi. Unir. Grnds, Urb. July 30, 85; B.C.
6882 Moth from 6408. July 31, 85
6883 Eggs from Soft Maple bark, July 31, 85
6884 Hymenopterous parasites from 6591. August 1st 85
6885 4 Moths from 6591 " " "
6886 3 Moths from 6515 " " "
6887 Hymenopterous parasite from 6515 " " "
6888 Pupae of parasite from 6397 " " "
6889 Diptera from 6600 " " "
6890 Larvae, Plusia brassicae, Urb. Aug. 1. 85
6891 Ant & eggs in apple, Urb. " "
6892 Datana ministra, larvae. Champaign Aug. 1st 85, B.C.
6893 Euchaetes egle, larvae, on milkweed. Unir Grnds, Urb, Aug. 1st 85 B.C.
6894 Same as 6893
6895 Carpocapsa pomonella from 6403. Aug 3. 85. Champaign. Crabapple
6896 Drosophila from 6403 " " "
6897 Limenitis disippus from 6500 " " "
6898 Pupae & pupa cases " 6501 " " "
6899 Moth from 6515. " " "
6900 Moths " 6591 " " "
6901 Hymenopterous parasites from 6513 " " "
6902 Moth from 6520 " " "
6903 Parasitic fly from 6714 " " "
6904 Same as 6892
6905 Larvae from 6892 " " "
6906 Pupae from 5747 " " "
6907 Parasite from supposed C. pomonella pupa " 2, "
6908 Carpocapsa pomonella from 6547 " 3 " Champaign Crabapple
6909 Drosophila, sp? " 6547 " " "
6910 Macrosila Carolina on tomato, Unir. Grnds, Urb. Aug. 3. 85,
6911 " Quinquefolia (?) tomato, " " " " " " "
6912 Moths at sugar " " " July 20, "
6913 Eacles imperialis, Urbana " 21 "
6914 Catocala Unir Grnds. Urb, " 22 "
6915 Cicada tibicen " " " " 28, 85;
6916 Papilio turnus var. glaucus Champaign " 31 "
6917 Butterflies " " " "
6918 Locustid " " " "

6919	Libythea bachmanni, Woods.	Urbana,	July	30,	85
6920	Butterflies	Champaign,	Aug.	1,	85
6921	Locustidae	"	"	"	"
6922	Odonotidae	"	"	"	"
6923	Arctia	"	"	"	"
6924	Lycaenid	Univ. Grnds, Urb.	"	3	"
6925	Thryonela. 16 punctata	Champaign	"	"	"
6926	Bombus and apathus	"	"	"	"
6927	Tabanus atratus	Univ. Grnds, Urb.	July		
6928	Bombus ♂	" " "	"	29	"
6929	"	" " "	"	31	"
6930	Tenthredid	" " "	"	29	"
6931	Fly,	" " "	"	24	"
6932	Hemiptera	" " "	"	"	"
6933	Hymenoptera	" " "	Aug.	3	"
6934	Hemiptera	" " "	"	"	"
6935	Tabanus atratus from cow	Champaign	"	"	"
6936	Moth	Univ. Grnds, Urb.	"	"	"
6937	Butterflies	Champaign,	"	"	
6938	Meteorus P. femur rubrum.	Univ. Grnds, Urb,	"	4	
6939	Leaf Roller on Tomato.	Champaign,	July	28,	85, B.C.
6940	Hyphantria textor larvae from 6134,	Aug 4. 85			
6941	Apatela moth from 6395				
6942	Pieces of [illegible] from fluids of cabbage worm. embedded in paraffin	July 31.	Aug.		
6943	6 Moths from 6591.	Aug 4, 85			
6944	Moth from 6517.	" "			
6945	Pezotettix femur-rubrum larvae,	Univ Grnds. Urb.	Aug.	4.	85
6946	" " Pupae	" "	"	"	"
6947	Same as 6946.				
6948	Pezotettix femur-rubrum Pupae	" "	"	"	"
6949	Same as 6948.				
6950	Pezotettix ~~femur-rubrum~~ liberantiglis ? pupae	" "	"	"	"
6951	Same as 6950.				
6952	Mites on Pezotettix	" "	"	"	"
Pinned 6953	Hymenoptera & Hemiptera from clover, sweepings	" "	"	"	"
6954	Pluvia brassicae ? from clover, sweepings	"	"		
Pinned 6955	Magdalis armicollis, from elm,	" "	"	"	"
6956	C. pomonella pupa & larva from 6596.	Aug 4. 85			
6957	Oculis ~~from~~ pupae & larva from 6596	" 4	"		
6958	Catocala larva on box Elder.	Univ Grnds. Urb.	Aug.	5.	8
6959	Leaf Roller pupa, on willow	" "	"	"	"
6960	Leaf Roller pupa, on elm	" "	"	"	"
6961	Leaf Roller larva, on ash	" "	"	"	"
6962	Pyrrhia umbra from 6132.	Aug. 5. 85			

6963 Carpocapsa pomonella from 6403. Aug. 5. 85. Champaign. Crabapple
6964 Pyralid from 6484 " " "
6965 Carpocapsa pomonella from 6547 " " " Champaign. Crabapple
6966 Leucania unipuncta from 6550 " " "
6967 Eacles imperialis larvæ from 6836 " " "
6968 Macrosila Catocala 5-maculata from tomato, Univ. Grnds, Urb. Aug 3. 85 Bc.
6969 Coleopterous larva from Grnd. " " " " " "
6970 Leaf miner from 6591. aug 5. 85.
6971 Aphis maidis (root form) Urbana Aug. 5, '85,
6972 " " (aërial form) " " " "
6973 " " (winged example) " " " "
6974 Apatela Americana larva from cottonwood, Urb. Aug. 5. 85 Bc
6975 Heterocampa sp? larva on apple tree " " " " Bc.
6976 Phalænid larva on apple leaf. " " " " Bc.
6977 Argiopa riparia Univ. Grnds. Urb. " " "
6978 Hemiptera on peach leaf. " " " " " "
6979 Cacœcia rosaceana larva from 6403, aug. 6. 85.
6980 Leaf Roller from 6597 " " "
6981 Papilio asterias from 6708 " " "
6982 Diptera, ♂♀ Univ. Grnds Urb. Aug 5 85.
6983 Catocala cara, Univ. building. Urb. July 28. 85
6984 Papilio ajax, Univ. Grnds " " " "
6985 Neuropter, Birmingham, Pa. July 10. 85.
6986 Moths at sugar, Univ. Grnds Urb. Aug 3. 85
Nomophila noctuella
6987 " " " " " Botis pérelitis " Botis gentilis Botis harveyana " 4 " Dremica inaudata
6988 " " " " " " " 5 " Dremica inaudata
6989 Moths on flowers, Champaign. Aug. 1. 85.
6990 Pezotettix femur-rubrum, Univ. Grnds. Urb. Aug. 1. 85.
6991 Moth " " " " 3, "
6992 Sphinx on oak " " " " " "
6993 Sphingid, Urbana, Aug. 4. 85
6994 Lucanid " " 3, "
6995 Macrosila Carolina, Univ Grnds Urb. July 30. 85
6996 Dragon flies, sweepings. Champaign, Aug. 3. 85
6997 Bolboceras foractus at light, Urb. " 2, "
6998 Misel. insects on grass " " 3, "
6999 Satanus at sugar, Univ Grnds Urb. " 4 "
7000 Butterflies at sugar " " " " " "
7001 Papilio turnus on flowers, " " " " " "
7002 Orthoptera on grass " " " " " "
7003 Misel insects in corn-field, Urbana Aug. 5. 85
7004 Diabrotica longicornis from corn silk, Urbana. Aug. 5. 85.
7005 Euschistus servus from corn " " " "
7006 Blissus leucopterus larvæ, from corn " " " "

pinned	7006	Mise, insecta, sweepings from weeds,	Urbana,	Aug 6. 85
"	7008	Chymata erosa and other ins. from sweet clover	"	" " "
	7009	Hymenoptera from sweet clover	"	" " "
	7010	Carabidae about size of a bill of corn infested by D. long.	"	" " "
	7011	Papilio asterias	Champaign.	Aug. 4. 85
pinned	7012	Saw fly in burdock,	Univ. Grnds	Urb. Aug 1. 85
	7013	Larvae from corn of Bunlaur,	Urbana	aug. 6. 85,
	7014	Microplitis from 6403.	Aug. 6. 85	
	7015	Hippodamia maculata & parasite,	Urb.	Aug. 6, 85.
	7016	Dipterous larva	"	" " "
	7017	Scudderia curvicauda	Urb,	Aug. 6. 85
	7018	Lyg. [illegible]	[illegible]	85. Dead.
	7019	Euchaetes egle pupae with parasitic pupae from 6893.		Aug 7. 85
	7020	Carpocapsa pomonella from 6403.		aug. 7. 85. Champaign Grade of Ale
	7021	Larva from 6321		" " "
	7022	~~Eggs from sept 14~~	Hemiptera Larvae from 6883.	Aug 7 85
Pinned	7023	Misc. insects at sugar,	Univ. Grnds.	Urb. Aug 4. 85
"	7024	" " , sweepings	"	" " July 28
"	7025	House fly,	Champaign.	july 27
"	7026	Dermestes lardarius,	Univ. building	" aug. 5. 85
	7027	Pentatomid larvae on ash,	Univ. Grnds.	Urb. " 4
	7028	Tettix & Cicindela from corn-field,	Univ. Grnds.	" July 27. 85
Pinned	7029	Misc. insects, sweepings	"	" " " 29
	7030	Dermestes lardarius	"	" " " 31
	7031	Epicauta from tomato,	"	" " " 30
	7032	Chrysomela 10-lineata larva from tomato	"	" " " "
Pinned	7033	Robber fly	"	" " " "
"	7034	Misc insects, Champaign.		" 29
	7035	Spider eating Pieris rapae	"	" " Aug 1.
	7036	Carabidous larva from tomato patch	"	" " July 30
Pinned	7037	Misc. Hemiptera, Champaign		" 29
	7038	Papilio philenor larva.	Birmingham Pa.	Coca V. May 1 July
"	7039	Thyreus abbotti larva	"	" " "
	7040	Eudamus larva	"	" " 31
	7041	Carpocapsa pomonella from 6403,	Aug. 5. 85.	
	7042	Spilosoma virginica from 6703.	" " "	
	7043	Grasshoppers infested with fungus	Urbana,	[illegible] & 85. 15.
	7044	Parasitized Ordipoda carolina, adult.	"	" " " 15
	7045	Datana perspicua larva from walnut	"	" " 15.
	7046	Same as 7015		
	7047	Macronilla, Larvae from tomato patch,	Univ. Grnds.	Urb Aug 2. 85
	7048	Danais archippus from Milkweed.	"	" " Aug. 8
	7049	Carpocapsa Pomonella Larvae from Apples.		Urb. Aug. 7. 85
	7050	Larva [illegible]	"	" "

7051 Tabanus costalis from horse. Urb. Aug 7. 85.
7052 Spider " Univ. Grnds Urb. Aug. 8, 85.
7053. Epicauras imbricatus from timothy " " " " 7. "
7054. Insect from apple " " " " "
7055. Papilio asterias, larva Urb. Aug 8. 85
7056. Lep. larva from sweet clover " " " "
7057. Aphis from Univ. Grnds Urb. Aug. 9. 85
7058. Larva eating an aphis " " " " " " "
7059. Pyralid from 6484. Aug 9. 85. Phycis indigenella
7060. One moth emerged from 6591. Aug. 6. 85.
7061. Hymenopterous parasite from 6591 " " "
7062. Moth emerged from 7064 " " "
7063. Hymenopterous parasite from 6513. " " "
7064. Leaf miners on linden, Univ. Grnds. Urb. July 30, 85 B C
7065. Orcanthus sp.? " " " Aug. 7. "
7066 Sphingid at light, Champaign. " 6 "
7067. Moth on window Univ. building. Urb. " 7 "
7068 Leaf roller moth from 6939. Aug. 10. '85. Phoxopteris comptana
7069 Drosophila & other insects from 6547. " " " "
7070. Hymenoptera from sweet clover, Urbana. Aug. 6 "
7071. Misel. insects from sweet clover " " 8 "
7072 Plusia on cabbage, Champaign, " 10 "
7073 Misel insects. Urbana. Aug 7. 85.
7074 Ebuia quadrigeminata, at sugar, Aug. 7. 85.
7075 Beef inf in flask prepared July 25, 85; infected with fluid of dead cabbage on Aug. 10, 85
7076 Slides of fluids of cabbage worm used in 7075 prepared Aug. 10, 85.
7077 Beef inf prepared July 25, 85 infected with fluid of cabbage worm just dead Aug. 10. 85
7078 Slides of blood used in 7077. Aug. 10. 85
7079 Lepid. larva boring timothy crown. Univ. Grnds. Urb. Aug 10. 85.
7080 Timothy bored by 7079. " " " " " "
7081 Lepid Larvae among grass roots, " " " " " "
7082 Chlocaltis viridis eating corn Urbana. Aug 7. 85
7083 Euphoria inda from corn " " "
7084 Phalanid from corn leaf " " " "
7085 Epicauta vittata found eating corn " " " "
7086. Misel. insects " " 8 "
7087. Lepid. larvae on thistle. Champ " 7 " B.C.
7088 Lepid pupae from among grass roots Univ. Grnds. Urb. Aug 10. 85 B.C.
7089 Grasshoppers associated with a grasshopper infected with fungus, Univ. Grnds Urb. Aug 10. 85 B.C.
7090 Rhynchophorous larvae boring timothy crown " " " " " "
7091 Parasitic hymenoptera & cocoons from crumpled corn leaf, Univ. Aug 8, 85 Grnds Urb.
7092 Moths from 6403 Champaign Aug 11. '85, Pyrausta laticlavia. crab apple
7093 Hyphantria textor from 6134. Aug 11. 85.
7094 Sphinx eremitus from Catalpa, Aug 11, 85. Univ Grnds Urb

	7097	Orthoptera, woods, u.b,	aug. 1. 85			
	7098	Moths	"	"	"	"
	7099	Vanessa antiopa,	Champaign	"	"	"
	7100	Catocala.	Univ building.	ub.	"	"
	7101	Catocala	Champaign	"	8	"
	7102	Moths at sugar.	Univ bnds	11	26	"
	7103	Ephemeridae	Milan,	Aug.	13.	85.
Pinned	7104	Tullus abbreviatus	"	"	"	"
"	7105	Apple insects	"	"	"	"
"	7106	Corn insects	"	"	"	"
"	7107	Cherry insects	"	"	13	"
"	7108	Pitcher	"	"	"	"
	7109	Hickory nuts				
	7110	Dragon fly Larvae	"	"	"	"
Pinned	7111	Aquatic insects	"	"	"	"
"	7112	Mixed insects	"	"	"	"
	7113	Willow worm	"	"	"	"
	7114	Larva from oat stubble	"	"	"	"
	7115	Eggs on vase wood	"	"	14	"
	7116	Pupae of Dragon flies	"	"	"	"
Pinned	7117	Tipulidae, from Rock River	"	"	"	"
	7118	Neuroptera from weeds along Rock river	"	"	"	"
	7119	Eacles imperialis Larva from roadway	"	"	"	"
Pinned	7120	Laitha fluminea " Rock river	"	"	"	"
	7121	Ephemeridae etc	"	" below	Milan	"
	7122	Case fly from pond	Milan,	"	15	"
	7123	Aquatic walking Sticks in weedy pond	"	"	"	"
Pinned	7124	Laitha fluminea " "	"	"	"	"
"	7125	Misc. beetles from	"	"	"	"
"	7126	Mole Cricket beside weedy pond	"	"	"	"
"	7127	Notonecta fabricii in	"	"	"	"
	7128	Dragon fly Larva from	"	"	"	"
	7129	Crustaceans & Mollusks from	"	"	"	"
	7130	Larvae on oak	"	"	16	"
	7131	Lep. Larva on hackberry	"	"	"	"
Pinned	7132	~~Orthoptera and spiders~~ Misc. insects woods	"	"	"	"
"	7133	~~Eurycnema vida on thistle~~ Acrididae,	"	"	"	"
"	7134	Locustidae, woods,	"	"	"	"
"	7135	Hymenoptera, "	"	"	"	"
	7136	Plant lice galls on Sumach	"	"	"	"
	7137	Larvae under stones along swift current	"	"	"	"
	7138	Lep. roller on Bass wood	"	"	"	"
	7139	Lep. Larvae on grape, at A. Williams,	Moline	"	"	"
	7140	Same as 7137,				

7139. Endemis botrana on Grape. Moline Ills, Aug. 17. 85. R.E.
7140 Phyllopora on Grape, Rock Island, Aug 17, 85,
7141. Leaf miner on Grape., Moline , " " " R.E.
7142 Lep. larva on Cabbage , Rock Island. " " "
7143 Leaf Miner on apple. from M.J. Cady's farm, Moline Aug 17, 85 3.5
7144 Lepidopterous larva in apple. Moline, Aug. 85, R.E.
7145 Larva on willow. Milan, Aug. 18. 85
7146 Oidipoda carolina. Parasitized " " " "
7147 Galls on oak leaves Colona. " 19 "
med 7148 Mice. Orthoptera, " " " "
7149 Hymenopterous pupa on hazel-nut-leaf. Colona " " "
mined 7150 Mice. insects, from corn Milan aug. 13. 85
" 7151 Coleoptera , from corn " " " "
7152 Rhyloptus galls from plum " " " "
7153 Pemphigus , from Cottonwood " " " "
7154 Net-making Phryganeidae, larvae & pupae from small stream, Milan, Aug. 13, 85
7155 Mice. invertebrates including an Argalus taken in minnow net below Dam, Rock R. Milan Aug. 14
7156 A perculin cyprinoid resembling Cleola zizania from Rock R. Milan, Aug. 14. 85.
med 7157 Mice Aquatic invertebrates, pond on island, Milan. Aug 14. 85. Sp. Cat. 9657
7158 aphides from salix cordata. Davenport. Ia Aug 15. 85.
7159 aphides " Wld. blackberry, Milan, Aug. 16. 85.
7160 Aphides from leaves of poplars growing in woods. Milan Aug 16, 85,
med 7161 Mice, insects, partly aquatic, Milan " " "
7162 Galls from poplar, part from petioles & others from leaf. " " " "
7163 From surface net hauled at night above dam " " 17 85
7164 Grape plant louse, from M.J. Cady's farm. Moline, Aug. 17, 85,
7165 Apple Phytoptus? Moline Aug 17, 85
med 7166 Mice insects Milan Aug. 14-17. 85.
7167
7168
7169
7170
7171
7172
7173
7174
med 7175 Mice. Hymenoptera. Colona Aug 19-20. 85
7176 Cicindela on hot sand, edge of Stream " " 19, 85
7177 Mice. Aquatic insects " " 20 "
med 7178 Beetles on sand edge of stream " " " "
7179 Acridium Marginatum? & ♀. " " " "
7180
7181 Chrysocraon Sp.? — " "

7182 Dragon flies. Colona. Aug. 20. 85.
Pinned 7183 Misc. insects, Milan. Aug. 18. 85
" 7184 " " Colona " 19. "
7185 Aquatic insects, Milan, Aug. 14.-19. 85
7186 Mollusks " " " "
7187 Frogs " " " "
7188 Tetraopes tetraophthalmus, Davenport, Ia. Aug 13. 85
Pinned 7189 Pezotettix bivittatus " Geneseo. " 14 "
7190 Pycnoscelus or cephalanthus occidentalis, Colona. Ills. Aug 15.
7191 Crab apples seemingly bored by insects Colona Aug 20'85.
7192 Cyprinidæ from Green R. Walnut. Aug 21, 85;
7193 Cyprinidæ & Etheostomatidæ, Pond on island, Milan, Aug. 17,
7194
7195
7196
7197
7198
7199
7200

7 7200 Moths at sugar. Univ. Grnds. Urb. Aug, 8. 85
7 7201 " " " Woods " " " 10 "
7202 Locustidæ " " " " " " "
7203 Cithærinia regalis larva. Champaign Co. Received Aug 11. 85
7205 Slides from 7075 Aug. 11, 85, 4:30 P.M.
7206 Moths from 6959, Aug 12, 85
7207 Drosophila from 6514, Aug 12, 85
7208 " " " " 13 "
7209 Hyphantria textor " 6488 " 12 "
7210 " " " " 6397 " 13 "
7211 Hyphantria textor " 6397 " 13 "
7212 Vanessa antiopa " 6631 " 12+13 "
7213 Lemaia ornata " 6517 " 12 " Semasia argutana, Clem.
5, 7 7214 Moths at sugar, Woods, Urb, Aug 11, 85
7215 Bacilli from efflorescence on roots of red clover. 19 Aug. '85
7216 Locustidae at sugar. Woods, Urb, Aug 11, 85
Pinned 7217 Coleoptera " " " " " " "
7 7218 Moths. " " " " 12 "
7219 Locustidae " " " " " "
Pinned 7220 Coleoptera " " " " " "
" 7221 Miscel. flies from freshly plowed clover ground, Univ. farm, Urb Aug 11, 85
" 7222 White grub, pupae & imago, " " " " " "
7223 Mermis " " " " " "
7224 Ants " " " " " "
~~7225~~ "

7225 Acts from fresh plowed ground, Univ. farm, Urb. Aug 11, 85
7226 Clover root galls, clover coccid " " " " " " " "
7227 " root-lice " " " " " " " "
7228 White grubs " " " " " " " " " B.C.
7229 Larvae from same as 7228
7230 Crambus? larvae, from fresh plowed ground: Univ. farm. Urb. Aug 11, 85 B.C.
7231 Catocala? pupa " " " " " " " B.C.
7232 Larvae from same as 7230
7233 Megilla maculata & supposed parasite. Ch. Aug 14, 85.
7234 Lumbricinus from plowed ground. Univ. farm, Urb. Aug. 11, 85.
7235 Acts " " " " " " " "
7236 Gall of Diastrophus nebulosus, blackberry, Quincy, Mar. 85.
7237 Work of Oecanthus niveus in Grape. Rose Hill Kan. Apl. 2, 85.
7238 Epicauta pennsylvanica from silk &c of corn. Univ. farm, Urb. Aug 12, 85
7239 Miscel Ins. Univ. farm, Urb. Aug 12, 85.
7240 Diptera from 6511, Aug 11, 85
7241 Slides from 7077, Aug 13, 85.
7242 Drosophila &c from 6547, Aug 14, 85.
7243 " " " 6596, " " "
7244 Slides from 7075. Aug 14, 85
7245 Hyph. textor " 6134 " " "
7246 " " " " " " " ♂ & ♀.
7247 Vanessa antiopa " 6631 " " "
7248 Moths, at sugar, Aug 13. 85. Woods, Urb.
7249 Locustidae " " " " " " "
7250 Diapheromera femorata, Woods, Urb, Aug
7251 " " ♀ " " " " "
7252 " " ♂ of 7251 " " " " "
7253 " " at sugar " " " 13 "
7254 Hymenoptera, ~~Woods~~ Urb, Aug. 10, 85.
7255 Miscel. Ins " " " "
7256 " " Univ. Gnds. " " 7 "
7257 Papilio turnus, Woods " " 10 "
7258 Dragon fly " " " 10 "
7259 Acrididae " " " " "
7260 Neuropteron, at sugar; Woods, Urb, Aug 10, 85
7261 Miscel. Ins, Univ. farm, Urb. Aug 13, 85
7262 Hessian fly pupae in wheat, Dakota, recd Aug 14, 85 B.C.
7263 Flaxseed & larva from it, from same lot as 7262.
7264 Coleoptera &c at sugar, Woods, Urb. Aug 10, 85
7265 Miscel Ins. ~~Cut worm~~, Univ. farm, Urb. Aug. 13, 85 from fresh plowed blue grass timothy
7266 White Grubs, from fresh plowed blue grass, Univ. farm. Urb. Aug 13, 85
7267 " " " " " timothy " " " " " " B.C.
7268 Agrotis pupae & pupating larva, from fresh plowed blue grass and timothy, Univ. " " " " B.C.

[illegible] fresh plowed blue grass, Univ. farm, Ubt, Aug 13, 85 R C
" " timothy " " " " " "
" " blue grass " " " " " "
" " timothy " " " " " "
" " blue grass & timothy " " " " " "
" " soil around rots from tomato patch " " " " " "
Pinned Epicauta vittata from weeds in corn field (Amaranthus) Ubt, Jul 16, 85
Tricrania bimaculata ? corn field, Ubt, Jul 16, 85
" " ♀ of 7276, " " " " "
Calopsenus ? thuberi ? " " " " " "
" " ♂ of 7278 " " " " " "
White grubs, fresh plowed blue grass, Univ. farm, Ubt, Aug 13, 85
" " parasitized " timothy " " " " "
Maggots, " " blue gr. & timothy " " " " "
Adult larvae " " " " " " " "
White grubs parasitized like 7267 " " " " " " " "
Pinned Adults " " blue grass " " " " " "
Pupa of Elaterid " " " " " " " "
Larvae (same, & spent) " " " " " " " "
Partly id larvae, early in ground in fresh plowed " " " " " " "
Pupae after from cell with white grubs " " " " " " "
Clover, root lice " " English clover " " " " 11
Different pupae (case) beside clover root with cavity " " " " " " "
Pinned Adults from clover root, fresh plowed English " " " " " "
Dipt. fly (Asilidae) not it now grazing " " " " " " "
Tipulid larvae on earth in " " " " " " "
Pinned Miscel. ins. from corn field, Ubt. Jul. 16. 85
Entomophthora calopteni, Ubt. Aug 8, 85
Mite from eulemma of Agrotis ypsilon, Ubt, Aug 11, 85
Thrips from pawpaw, Lex, Ky, Aug 13, 85
Fungal coccid from fresh plowed English clover & grass. Univ farm, Ubt. Aug
Pinned Asphidae from traps, Univ. Gnds. Ubt. July 24, 85
Asphondylid, Univ. Gnds. Ubt. Aug 10, 85
Pinned Ebania quadrigeminata, Ubt? Aug 13, 85 Prof. Forbes.
Miscel ins. Tolono, Aug 1, 85
Pinned " " Woods Ubt. Aug 10, 85
" 7305 Elateridae, at sugar, Woods Ubt. Aug 10, 85
" 7306 Miscel. ins. Woods, Ubt. Aug 9, 85
" 7307 Ebania quadrigeminata &c, at sugar, Aug 8, 85
" 7308 Miscel. ins. Univ. Gnds. Ubt. Aug 8, 85
" 7309 " " Orchard, " farm " " 7 "
Pinned 7310 Bombus virginicus ♂ " " " " " " "
Adult larvae, pupae &c from fresh plowed English clover, Univ farm, Ubt, Aug 11, 85
Pinned 7312 Hymenoptera from Trifolium flowers, Ch. Ann &, &

7313 Miscel Ins, Urb. Aug 8, 85
7314 Grass coccids, from fresh plowed blue grass, Univ. farm. Aug 13, 85.
7315 Lycosa ♂ ♀ and eggs from same nest Urb. Aug 8, 85
7316 Oedipoda carolina, ♀, Woods, Urb. Aug
7317 " " ♂ of 7316 " " "
7318 Ha. falus caliginosus, at sugar, Univ. Grounds Urb. Aug 8, 85.
7319 Drosophilas &c from 6547 Aug 13, 85
7320 [illegible] Bois gentilis
7321 Locustidae " " " " " " "
7322 Coleoptera " " " " " " "
7323 [illegible]
7324 " ♀ " " " " " " "
7325 " ♂ of 7324 " " " " " "
7326 Elateridae from fresh plowed blue grass + timothy, Aug 13 + 15, Univ. farm, Urb.
7327 Oedipoda carolina ♀ co[illegible]
7328 " " ♂ of 7327 " " " "
7329 Agrotis larva from English clover roots. Urb. Aug 11, 85
7330 Coleoptera at sugar, Woods, Urb. Aug 13, 85
7331 Moths at sugar. Woods, Urb. Aug 15, 85. Lunia maculata, Bois gentilis
7332 Locustidae " " " " " "
7333 Hemipter " " " " " " "
7334 Vanessa antiopa from 6631, Aug 15, 85
7335 Papilio asterias from 6708 " 17, "
7336 Drosophila &c from 6541 " 18 "
7337 " " " 6403 " " "
7338 Carpocapsa pomonella from " " " Champaign. coelosyphla
7339 Moths with tufted legs at sugar, Woods, Urb. Aug 17, 18, 85
7340 Grapta interrogationis imagos, from 6863 Aug 21, 85 Escaped.
7341 " " " " " " 22 "
7342 [illegible] 6134 " " "
7343 Drosophila &c " 47 " 21 "
7344 Calosoma scrutator, at sugar, Urb; Woods, Aug 15, 85
7345 Plectodera scalator, Tolono, Aug 16,
7346 Ebonia 4 geminata, Champ. Aug. 85
7347 Coleoptera at sugar, Urb. Woods, Aug 15, 85
7348 Harpalus caliginosus, Urb. Aug 17
7349 Euphoria inda, Ch. Aug 17, 85.
7350 Pieris rapae & other Lep. Ch. Aug 20 + 21, 85
7351 Orthoptera, Urb. Aug 20, 85
7352 Hymenoptera, Urb. Aug 20, 85
7353 Miscel. Insects, Urb. Aug 20, 85.
7354 Hyphantria textor from 6134, Aug 22, 85
7355 " " " " " " 24,
7356 Codling moths from 6403, Aug 22, 85

[illegible] Champaign, on E. C. [illegible] ocker, Lakewood, Aug 20, 85. B
[illegible] on [illegible] Col. on 735
Lumbricus from roots of apple trees, Boulder. Col. Aug. 20. 85; from Geo W.
Sciara lamæ from roots of apple trees " " " " " " " "
Misc. Insects on thistle Champaign Aug 20.
" " on flowers Woods Urb. " "
" " sweeping Univ Grnd Urb Aug 21.
" " on thistles Champaign Aug 22
5 Coleoptera Champaign Aug 23, 85.
Lepidoptera sweeping Univ Grnd Urb Aug
" Orthoptera " " " " "
2 Diptera " " " " "
Hemiptera " " " " "
2 Hymenoptera " " " " "
Neuroptera " " " " "
2 Epicauta vittata & Euschistus servus eating corn Urb Aug
" Misc insects from Cornfield Urb Aug. 20. 85.
2 Euphoria inda from thistle Champaign Aug. 22
2 Smaes " " " "
" Misc insects " " "
Pyrrhocoris 6 ♂ 3 ♀ Aug. 23, 85.
Lepidoptera dead mouse Univ Grnd Urb Aug
Epicauta pensylvanica Tolono Aug. 85.
2 Misc insects " " "
Acrididæ Univ. Grnd. Urb. Aug. 19. 85.
Limnitus dissippus Champaign Aug. 22, 85
Pieris sapæ " " 24 85
4 Œdipoda carolina Champaign Aug 22
5 a-d Pezotettix differentialis ♂♂ & ♀♀ Woods Urb Aug 20
Cicada tibicem ♀ Champaign Aug. 20. 85.
Lepidoptera Univ Grnd Urb Aug 19. 85.
" " " " " 18. 85.
Orthoptera " " " " "
90 a Pezotettix femur-rubrum ♂ & ♀ Woods Urb Aug 20, 8
Misc. Orthoptera " " "
Papilio philenor and asterias Champaign Aug 2
" Pieris sapæ ♂♀ Champaign Aug 21. 85.
Tragocephala sordida suping Univ Grnd Urb Aug
Misc Orthoptera Champaign Aug 22 85
396 a Pezotettix differentialis ♂♀ " " 21 85
397 a-b Orthoptera ♂♂ & ♀♀ Woods Urb Aug 20 85
Papilio Champaign Aug, 24, 85.
Misc insects Woods Urb Aug, 20, 85.
Coleoptera Grnd Urb Aug 22 85

7/11 C 1 Arctia phalerata from 6879. Aug. 25 85.
2 Trogus exsiccator from 6708 " " "
3 Drasteria erechtea from 7231 " " "
4 Agrotis smith " 7268 " " "
5 Gordius parasitic from 6956 " " "
6 Puparet pupa case from 6885 " " "
7 Work of insect on briars of Rubus villosus
mci" 8 Syrphidae, All specimens reddish beneath.
9 Fly. from 7262. Aug. 26. '85.
11/10 Misc. Butterflies, Champaign. Aug. 25, 85.
imci 1 Oedipoda attacked by Entomophthora. Univ. Grnds, Urb. Aug. 11, '85. Dissosteira
2 Salt water Algae from Atlantic, Tidepooling, Chicago, Aug. 24, '85.
3 Fly. Ent. Office Urb. Aug. 14, 85.
imci 4 Tachinidae. from office collection. Urb. Aug 21, 81.
5 Crane fly from 5838. Aug. 27. 85.
6 Apatela larva under apple tree, Urb. Aug 27. 85. B.C.
7 " " " " " " " " " B.C.
8 Misc. lepid. larvae and pupae, Woods " " " " B.C.
9 Oak galls. Milan Aug 13, 85. B.C.
4/20 Wild Cherry galls. " " " " B.C.
1 Larvae from 7129. Aug. 27. 85.
2 Thyatira textor from 6134. Aug 28 85.
3 Pupa from 7357. Aug. 27. 85. B.C.
4 Lep. pupa from soft maple. Univ. Grnds Urb Aug 27. 85. B.C.
5 Moths from 6321. Aug. 29. 85.
6 Hessian flies from 7262. Aug 29. 85.
7 Larvae from apples. Urb. Aug 27. 85
8 Beetles. presumably from apples Urb. Aug. 27. 85.
9 Blatta ♀ with egg capsule Woods Urbana Aug. 26. 85.
14/30 Nest of ants "
1
imci 2 Misc. insects Woods Urbana Aug. 26. 85.
" 3 " Coleoptera on thistle Champaign
" 4 Parandra brunnea Woods Urb: Aug. 26
" 5 Galerita janus and larva(?) " " " 27. 85.
" 6 Misc. Hymenoptera on flowers
imci 7 Oecanthus from milkweed
" 8 Diabrotica longicornis on thistle
" 9 Misc. Hemiptera on flowers
7/4 C " Coleoptera " "
imci " "
" 2 "
" 3 Horse Bot fly ♂♂ from
4 Wi

	1	[illegible]				
	1	Egg mass of [illegible]	7445			
	1	Adult [illegible]	7441	[illegible]		
	1	Cecanthus.	[illegible]	Aug. 28, 85.		
	1	Diptera	"	"	"	"
Pinus	1	[illegible]	Mahomet	"	"	29 "
Pinus	1	Anderdax on Pine	"	"	"	" "
	1	[illegible]	"	"	"	5 "
	1	Lep. larva	"	"	"	29 "
	1	" " pupa	"	"	"	" "
	1	Lep. "	"	"	"	" "
	1	Cut worm from roots	"	"	"	" "
	1	Diptera from dead Insects	"	"	"	" "
	1	" & on [illegible]	Rising	"	"	28 "
	1	Mice, Insects, Lumbricus.	"	"	"	" "
Pinus	2	" " "	Champaign	"	"	" "
	1	Bee Moth larvae	Mahomet	"	"	29
		" " pupae	"	"	"	" "
	1	Bee Moth	"	"	"	" "
	1	A. C. Robber flies 2 ad	Rising	"	"	28 "
	1	Mice, Insects, Birds	Mahomet	"	"	29 "
	1	Mice	Rising	"	"	28 "
	1	Robber fly attacking 1 female tabanus	"	"	"	" "
	1	Ants, Moths, Birds	Mahomet	"	"	29 "
	1	Vespa maculata nest. Woods.	Urbana	"	"	27 "
1441		Parnassius Corniculus, "	"	"	"	" "
	1	Orchids under bark	"	"	"	" 26
		Drosophila lineata on Purslane	Rising	"	"	28
		Larvae [illegible] Bee moth Same as 7461-62.		B.C.		
		Lepid. larvae on Rose, Mt. Hope cemetary. Champaign. Aug 30 8				
		Lepid larvae on Milkweed, Univ. Woods. Urb. Aug. 30, 85. B.C.				
	1	Same as 7473.				
		[illegible] 7014. Aug 31, 85				
		Lepid. larvae on Amaranthus retroflexus. Univ. Woods. Aug. 30, 85				
		Parasite pupae on larva from 7478. B.C.				
7481		Drosophila, etc. from 85-71, Aug. 31, 85.				
		Hymenopterous parasites from 6893. Aug 31, 85.				
		Mice insects. Urb. Aug. 27, 85.				
		" Drosophoppers. Heteridae, Urb. Aug 31, 85.				
		[illegible] Champaign Aug 26 85				
		[illegible] americanus Champaign Aug 26				
	1	[illegible]				
		Epi[illegible]				
		[illegible] Woods Urb. Aug. 21, 85.				

7498 [illegible]

7499 Bombus virginicus ♂♂ Univ Grad Nat Aug, 21, 85,

7500 Crustacea from surface net towed after steam boat in deep waters. L. Mendota, Sep. 2, 85.

7501 Material from dredge (1st haul) in 7-12 ft. waters " " " " "

7502 " " " (2d haul) Rocky muc. 20 ft. " " " " "

7503 Crustacea from surface net after steam boat in deep waters " " " " "

7504 " " " " " " " " shallow " " " " "

7505 Misc. material from dredge " " " " " " "

7506 Misc. of perch caught in hook & nearly dead " " " " "

7507 " " " " in seine (alive) " " " " "

7508 " " " " " " " " " " " "

7509 Material from dredge after skiff in shallow waters " " " " "

7510 Misc. perch caught in small seine (nearly dead) " " " 3 "

7511 " " " " " " " " " " " 3 "

7512 " " (alive) " " " " " " " " " "

7513 Crustacea (Leptodrace. from surface net after steam boat " " " " "

7514 Misc - material from stream connecting L. Mendota & 3d L. " " "

7515 Crustacea from surface net after steam boat L. Mendota " " "

7516 Misc. material " " " skiff " " " " "

7517 Dipterous insects taken at dge of lake " " " " "

7518 Trichoptera (adults) " " " " " " " " " "

7519 Misc. material from algae in stream conn. L. Mendota & 3d L. " 2 "

7520 Leeches, L. Mendota, Sep. 1, '85.

7521 Misc. insects washed ashore L. Mendota, Sep. 1, '85.

7522 Heart of perch embedded in paraffine Sep. 4, '85. Madison

7523 Muscle " " " " " " " " "

7524 Eye " " " " " " " " "

7525 Liver " " " " " " " " "

7526 Kidney " " " " " " " " "

7527 Brain " " " " " " " " "

7528 Spleen " " " " " " " " "

7529 Uranidea gracilis(?), Small seine L. Mendota, Sep. 2, '85.

" Fig. Limnea - rubrum Madison, Wis., Sep. 1, 85.

7531 Polyzoan from L. Mendota, Sep. 2, '85.

Misc. Crustacea [illegible] surface net after steam [illegible] Sep. 2, '85 L. [illegible]

7533 Misc. fishes, small ones; at Livsey's springs, L. Mendota, Sep. 3, '85
7534 Chironomus larvae taken 8th haul Dredge " " " " "
— 7535 Slide material composing incrust. on weeds. 9th haul Dredge " " " "
7536 " fil. algae " " " " " "
7537 " material from 7th haul Dredge " " " "
7538 & bacteria? " " " " " " " "
7539 " Oscillatoria plicatilis? from shell Rhombis " " " "
7540 " Nostoc " " " "
7541 " Dicatomia " " " "
" " Alga 5th haul Dredge " " " "
" " bacteria 5th " " " " " "
" " " 5th " " " " " "
" " Leptothrix L. Mendota, Sep. 3, 1885.
7546 Misc. material from among weeds at mouth of creek at Livsey's springs L. M.
Corn plant louse, aërial form and corn Champaign Sep. 14. 85.
Pinned 7547 Lasius flavus female, male & worker " " " "
7549 Spiders found dead. " " " "
7550 Beetle caught eating grasshopper " " " "
7551 [illegible] from 1479, Aug. 31. 85,
7552 [illegible] 1. Sept. 1. 85 Entrapela transversata.
7553 Mites from Nosts " " " Dorcatia cercana
7553 Tachinous parasite taken from body cavity of ♂ Pez. fem. nutr. Urb. Aug.
Pinned 7554 Sclerodermidae Urb. Aug. 31, 85.
7555 Apatela from oak, Mahomet. Aug 29. 85.
7556 Moths at sugar. Univ. Grnds, Urb. Aug 31
7557 Dermestidae Urb. Aug.
7558 Eugonia subgrana from 6321, Aug. Sept 2. 85.
7559 Sc. Nest. from 7115, Sept. 2. 85. cercana
7560 Cadelle ♂ ♀ Car. from 2 & 3 Check. Urb. Sept. 1.
7561 [illegible] from 1089 Sept. 1. 85
7562 " " 1089 " " "
7563 Aphis larvae [illegible] from 1051, Sept. 2. 85
7564 Aphis maidis from brom corn. Sept. 1.
7565 [illegible] from 1089 Sept. 1. 85. Dr.
1, 7566 Nest [illegible] Sept 2, 85, Univ. Grnds Urb. Dorcas cercana
7567 Entrapela Transversata from 6321. Sept 3. 85.
Pinned 7568 Chinch-bug, from brom corn; Sept 3. 85.
7569 Aphis maidis from brom corn, aerial form, Sept 3. 85.
7570 Larvae on broom corn with aphis maidis. " " "
7571 Syrphus fly from brom corn. " " "
Pinned 7572 Misc. insects " " " " " "
Pinned 7573 Coleoptera from Apples. Urb. Sept. 3. 85.
7574 Larvae from dead clover roots. Sept. 2 85
7575 Hemiptera " " " " " " "

7576. Misc insects, Urb. Sept 3. '85.
7577. Macrosila carolina, Urb. Sept 2. '85.
7578 Moths from diseased [illegible] from corn, Sept, 3. 85.
7579. Moths. Univ. Grnds. Urb. Sept. 4. '85.
7580. Entrapela transversata from 6321. Sept. 7. '85.
7581. Syrgus execrinus from 6708, " " "
7582. Bee moth from 1118. " " " cereana
7583. Larvae from milkweed, Champaign " "
7584. Chinch bugs from broom-corn " " "
7585. Dipterous larvae from roots of broom-corn, Chp " " "
7586 Moths at Light. Nonophila maculella " " " Pyrgica [illegible] Reid, Lawaya
7587. Insect on broom-corn " " " "
7588. Eacles imperialis from under box-elder tree, Univ. Grnds, Sept. 7, 85 B. C. Reid
7589 Grape & maple leaves infested by maple bark louse, U.C. Swanzey, Rideout, Ill. Sept 3, 85
7590 Insects at light, Champaign, Sept 4, '85.
7591 Clover leaf with eggs, Univ. Grnds, Sept 7, 85, U.C.
7592. Entrapela from 6321, Sept. 7, 85.
7593. Moths from window of Lab., Sept 3, 85 Nonophila maculella
7594 Lycaena, Univ. Grnds, Sept 7, 85
7595. Tineid from 7420, Sept 9 '85
7596. Galleria cereana from 7473, Sept 8 & 9, 85
7597 Phlegethontius carolina 6732 " 9
7598 Small Diptera from 6732 " "
7599. Conotrachelus nenuphar & Diptera from 6547, Sept. 9, 85
7600 Two couples of Diptera " " "
7601. Slides of fluids of diseased cabbage worm (dead) Aug. 11. '85.
7602 Ordiopoda carolina dead of Entomophthora, Aug. 27. '85.
7603 Slide of Ent. from 7602
7604 Miscel. Ins. Ch. September, 1885
7605 Tarsaeus bilineatus, Rising, Sept. 7 '85.
7606. Larva boring into [illegible] of corn stalk. Mahomet, Ill., Sept
7607 Miscel Ins. Mahomet, Sept 7, 85
7608 Champaign, Sept 4-5, 85, Miscel. Ins.
7609 Coleoptera, Mahomet Sept, 85
7610 Pezotettix atlanis? Ch. Sept 7, 85
7611 Urb, Sept. 7, '85 [illegible] aphanus femorata.
7612. Galleria cereana from 7473, Sept 10, 85
7613. Conotrachelus nenuphar from 6596, Sept 10, 85.
7614. Diptera, &c, from 6547 " " "
7615. Pez. femur-rubr. dead of Entomophthora? Madison Wis., Sept. 3. '85.
7616 Slides of blood from heart of 5707
7617 " " " " " " 7506
7618 Diabr. longic., adult, from corn flds. Sept. 10, 1885.
7619 D. 12-punctata " " " " "

Pinned 7620 Euschistus servus from corn Champaign, Sep. 15, '85.
" 7623 Xanthaleus found eating adult living Leg. Differentialis, Ch. Sep. 15.
7622 Leps. larva found among silks of corn ear Ch. Sep. 15. 85.
7623 Allorhina nitida larva Mt. Carmel, Ill. Schwick, Sept. 14, '85.
7624 Linnaeodes larva " " " " " "
Pinned 7625 Diab. longic., adult from thistle Champaign Sep. 15, 85.
7626 Pompilus, egg and a spider buried with the work Ch. Sep. 15, '85.
7627 H. punctata, Milan, Aug 18, 85 A. fem Diptera also.
7628 Lepidoptera, " " " "
7629 Hemiptera, " " " "
7630 Lepid. & Hemip., Colon " 19, 20 "
7631 Hymenop & Diptera, Milan, Aug 18 85.
7632 Pupal sk. Date & loc. lost. Sept. 14, 85.
7633 Corn moistened & rolled in three green & plaster of Paris, planted Sept 14, 85.
7634 Check on 7633, Sept. 14, 85.
7635 Galleria cereana from ~~6596~~ 7473, Sept 14, 85.
7636 Conotrachelus nenuphar &c from 6596, Sept 14, 85
7637 Chlorgethon thius carolina from 6732, " 15, 85
7638 Meloloides violaceus " 7230 " 15 "
7639 Diastena erechtea " 7274, " " "
7640 Melanotus ~~americanus~~ tribulosus?, pupa, larvae & imagos, from 5747, Sept 12, 85
7641 Diabrotica longicornis from thistle in corn field, Ch. Sept 12, 85
7642 Xiphidium ensifer, eating Diabrotica longicornis, Ch. Sept 12, 85
7643 Diab. long. boring in kernel of corn, Ch. Sept 12, 85.
Pinned 7644 Meloid. larva on corn, Ch, Sept, 85
7645 Cercopis larva, Ch. Sept 11, 85
7646 Chlorgethonius quinquemaculata, imago, Sept 17, 85, Univ. Gds, Urb.
7647 " carolina from 6732, Sept 18, 85
7648 Galleria cereana " 7473 " " "
7649 Conotrachelus nenuphar. " 6596 " " "
7650 Diptera &c. " 6547 " " "
7651 Ol sugar, Univ. Gds, Urb. Sept 17, 85.
7652 Pupa of Melanotus ~~americanus~~ tribulosus? from 5747, containing pupa, Sept
7653 M. ~~americanus~~ tribulosus? from 7652, Sept 18, 85.
7654 Pachyprotella celtidis-mamma, Urb. Sep. 1885. B.C.
7655 " " " , pupae, from galls, Sept 19, 85.
7656 Choerocampa tersa, Univ. Greenhouse, on Bouvardia, Sept 21, 85
7657 Crambus from 5778 Sept 19, 85.
7658 Aphis sp. from swarm of Sept 21, 85. Caught in air.
7659 " " " " " " " , from spider web.
7660 Epicanta pennsylvanica from 5562 Sept 21, 85
7661 Agrotis herilis " 5610 " " "
7662 Nematus ventricosus " 5718 " " "
7663 Agrotis herilis " 5787 " " "

7664. Noctuid from 5797, Sept, 21, 85.
7665. Agrotis herilis from 5810 " " "
7666. Hadena devastatrix from 5815 " " "
7667. Tipulid " 5815 " " "
7668. Phycis ind. pupa cases " 5889 " " "
7669. Galls of Diastrophus nebulosus on blackberry, Urb. Sept 19, 85. B.C.
7670. Chorocampa tersa, ~~Ch.~~ Univ. Gnds, Urb., on Bouvardia, Sept 19, 85
7671. Apatela obliuita larva, Ch. Sept 19, 85
7672. Aphides Schizoneura? on grass leaf. Urb, Sept. 22, 85
7673. Miscel sweepings, Urb. Sept 22, 85
7674. Alydus eurinus, ♂ & ♀, from 7673
7675. Larva from Apocynum cannabinum. Urb. Sept 22, 85.
7676. Orthoptera from meadow. " " " "
7677. Tachinas found in bottle with 7676 " " " "
7678. Miscel. Ins. from sweepings in meadow " " " "
7679. Dead larva from oval cavity in ground, " " " " "
7680. Leaf miner in Amphicarpaea monoica, Urb. Sept 22, 85
7681. Larvae & pupae from same as 7680
7682. Phylloxera & galls, from oak, Streator, Sept 10, 85, B.C. Dr. Godi
7683. Larvae & galls from same as 7682
7684. Orthoptera injuring corn, Peoria Co.
7685. Corn injured by grasshopper. "
7686. Slides from 7522, Sept. 15
7687. " " 7528 " " "
7688. Cecidomyia leguminicola, Lintn. larvae, in clover. Marengo. Sept 23, 85. B.C.
7689. Larvae from same as 7688.
7690. Aphis sp. from flights observed Sept. 23, '85 Urbana
7691. Wireworm from 6038, Sept 24, 85
7692. Hymenopter and cocoon from ~~&~~ 5835, Sept 24, 85
7693. Nitidulid and larva " " " " "
7694. Hyphantria textor, pupae " 6134, " " "
7695. Diptera " 6403, " " "
7696. Elateridae & cast skins " 6038 " " "
7697. Slides from 7526 Sept. 15, 1885.
7698. Galleria cereana from #7473, Sept 23, 85.
7699. Miscel. Ins. Ch. Sept 25, 85.
7700. Pachypsylla celtidis-mamma, Hackberry, ~~Ch~~ Univ. Gnds, Oct 1, 85
7701. " " " " " " " " "
7702. From flowers of Erigeron annuum, Urb. Oct. 1, 85
7703. " roots " " " " " " "
7704. Museum pest, beetle, fine moths, Sept, 85, Lab.
7705. Oecanthus nivens ♀ + ♂ (not in copula), Ch, Sept 25, 85
7706. Miscel Sweepings, " " " "
7707. Lygaeus turcicus " " " "

7708 [illegible] from cloth of bet ic[illegible] Winfield, Sept. 12, 85.
7709 Chlo[illegible] from [illegible] Sept 15 '85.
7710 " " 7723 " 17, "
7711 " " 7727 " " "
7712 " " 7724 " 15 "
7713 [illegible] on main gate University Building, Ch. Oct 2, 85
7714 [illegible] yellow holiday ice, from 6395, Oct 7 85.
7715 [illegible] from pupa from cell " " " " "
7716 Lepidopteron [illegible] from " " " "
7717 Cyclops, [illegible] from " " " "
7718 Head [illegible] from " " " "
7719 [illegible] from " " "
7720 [illegible] from Clay bank 6674 " " "
7721 [illegible] from [illegible] 7724 " " "
7722 [illegible] 7724 Oct 5 '85
7723 [illegible] from [illegible] " " "
7724 [illegible] from 7714 Oct 5, 85.
7725 [illegible] " " " " "
7726 [illegible] from [illegible] Oct 24, "
Empty pupa skin, Macrocila 5-maculata, from 6768
" Hermit from cornfield, Eugene, Okl. Sept. 85
7741 [illegible], Hackberry, Univ. Grds. Oct 6, 85
" " " " " pupae "
[illegible] from [illegible] " " "
" " " " " "
7745 Galaxia cerasicola, in gall from 7725 Oct 6, 85
Pitiulid [illegible] from 6596. (Same as 7732) " " "
[illegible] from 6576 " " "
Ibo " 7740 " " "
Pitiulid " 6516 " " "
Ibo " 57 " 6574 " " "
Ibo " " " " "
Pitiulid " " " " "
Ibo " 7741 " " "
7744 Pitiulid " 7732 " " "
7745 Miscellaneous " 6596 " " "
7746 Cells of Ibo " " (See 7741) " " "
7747 Galleria cerana " 7743, Oct 7, 85
7748 Polychrotus cerci " 6968 " 6, 85
7749 Choerocampa larva from 7656 Oct 6, 85
7751 Ibo associatus in gall from 6783 Oct 7, 85
7751 Ibo [illegible] " " " "

7762 Ips fasciatus(?) larvae from 6403 Oct. x 7 "
7763 Ips fasciatus(?) " " " " " B.C.
7764 Coleoptera " " " " "
7765 Lepidopterous Cocoon " 7137 " " "
7766 Lepidopterous larva " 7128 " " "
7767 Arctia nais " 7718 " " "
7768 " " " cast larval skin " " " " "
7769 " " " pupa case " " " " "
7760 Parasitized Lepidopterous pupa " " " "
7761 Lepidopterous larvae on Cult. Hypericum " 3 " B.C.
7762 Lepidopterous larva from 7761 " 6 "
7763 Lepidopterous larva " 7778 " 7 "
7764 Cocoons of " " " " " " "
7765 Choreocampa teras, pupa " 7656 " 8
7766 " " " " " " "
7767 Macrocila Carolina cast pupa skins 6732 " " "
7768 " " pupa, last moult imperfect from " " "
7769 Eacles imperialis, larva from 7588 " " "
7770 Phlegethontius celeus, pupa 6968 " " "
7771 Spider case of Asclepias leaf: spider in 7772 " 9 "
7772 Spider from 7771 " " "
7773 Telemachia concinna, larvae from North Freedom, Wis. Sept 'rain. 5 "Sept 5"
7774 Excreta " " from 7773 Sept 5"
7775 Cocoons &c. " " " " "
7776 Eacles imperialis, last larval skin, Spring Hills, Ks. " "
7777 " " pupa " " " "
7778 Caremma undulosa(?) larvae, Champaign Oct. 8, 85
7779 Hyphantria textor " " " " "
7780 Misc. insects
7781 Misc. insects, Champaign, Ills. Oct. 9, 85
7782 Apatela, pupa & larval skin, from 7716 " 10 "
7783 Cecidom. leguminicola, (3 cases) Larval skin of Lepidopterous larva from 7688 " 12 "
7784 " " " " " "
7785 Misc. Insects " " "
7786 " " " " " "
7787 " " " " " "
7788 " " " " " "
7789 Ips fasciatus, Larvae & pupae from 7763 Oct. 12, 85
7790 Cast larval skin of bug (Thyreocoris insidiosus) " " "
7791 " " " " " "
7792 Ichneumonidae, cocoons & imago, from 7423 " 13 "
7793 Beetle " " " " "
7794 Feb. 6, 86. Prof. Forbes mentioned with 7794 — 7812, 7824, 7829, 7837. " " "
Pupa & larva parasite in Cecid. leguminicola
7795 Young Larvae & Larvae Ft. Scott, Kan. " " "

Pinned 7776 Misc. Insects. Collected — 1880

7779 Galeruca from Dr. Peabody Oct. 12, 85

" 778 Pachylepta altithoracis & Hymenop. parasite, from 7731, Oct. 10, 8

Pinned 7780 Blatt. &c. Headlee Univ. Farm, Urbana Sept. 11, 86

Pinned 7806 " " French-clover Clover, Univ. Grounds, Urb. "

781 Coccinella 4-bilobata from Red Clovers, Univ. " Aug 30, 8

7812 Noctuid-ae Sugar Cane Larva Sept 17, 8

7803 Larvae on tiger Beech

7804 Grape leaves showing work of Miner from 7741 Oct. 1

7805 Beetle on leaves " 7783 "

7806 Beetle on leaves " 7783 "

7807 Lepidopterous Larvae " 7803 "

7808 Coleoptera " 7340 "

7809 Coleoptera " 37 "

7810 Grass worm in Tin, in Insectary " "

7811 Lepidopterous Larvae " 7782 "

7811 Coccinella " " " "

7812 Hymen. p. parasite on Beet, legumenicola " 7688 "

7813 Pachynematus, ♂ " 6735

7814 Larva on apple " 6735

7815 Larvae, Pupae & Beetle on Cucurbita in experiments " "

7816 Coccinella 4-bilobata " 202 "

7817 " " Berry " " "

7818 Acari " Univ. Grounds " " "

7819 Misc. Insects " " "

7820 " " " " "

7821 Rhatelus Americana, Cocoons & pupae from 6974

7822 Coccinella 4-bilobata Cocoons " 7775 "

7823 Beetle on roots on Beet, legumenicola from 7688

7824 Larva of Vanessa-antiopa, Imagos & pupa cases " 7783

7825 " " " " on Cedarberry " "

7826 Lepidopterous Larvae, Univ. Farm Urbana

7827 Coleoptera & Lepidoptera Larvae & pupae reared from Univ. Grounds Oct.

7828 Hymen. parasite of Cercidom. legumenicola from 7779 Aug

7829 " " " " " " 7779

Pinned 7830 Misc. Insects, Univ. Grounds Urb. Oct. 16, 8

7831 Cetheronia regalis, Larva on Cedar 7781 Oct

7832 Diptera & Hymen. parasites on C. " (pupae) " "

7833 Moth & pupa skin " 7087 "

7834 Hymen. p. parasite on C. legumenicola from 7779 Aug " 7688 "

7835 Sitodrepa panicea (Linn) Museum Dest

7836 Pez. Scudderi, ♂ ♀, Sterobothis curtipennis ♂ ♀, Woods, Urbana Oct. 2

7837 Misc. Insects "

7838 " " Univ. Grounds Oct. 14

7839 Pupae of parasite on Oak Apple, Urb. Sept 14, 1

7840 Grasshoppers affected with fungus Summer, 1885.
7841 Tenas niciippe , Univ. Grounds, Urb. Oct., 16, 85
7842 Hymenopteron .. ..
7843 Cicada 17, var. Cassinii, Vermillion Co. Ills. Mr. Folger, 1885.
7844 Pyralid , Light in Laboratory, Urb., Oct. 16, 85.
7845 Scarites subterraneus, Champaign, Ills. Oct. 21, 85
7846 Ips fasciatus from 7741 .. .. ..
7847 Clateridae from B. C. 5747 .. 22 ..
7848 White Pupa cells of Clateridae from 5747
7849 White grubs, with Dipterous [illegible]
7850 Dipterous puparia from White grubs .. ..
7851 Timothy stems infested with E. phenopholanae, from 7090, Oct 22 85
7852 Beetle from 7742 Oct 16 [illegible]
7853 Citheronia regalis, [illegible] .. ..
7854 Lice from Black Bear, .. 6 ..
7855 [illegible] .. .. ..
7856 Lice from Indian, Dec. 85.
7857 Cecid. leguminicola & Thrips from Ivory Oct 16 '85
7858 Datana ministra, pupae, from 6892 .. 22 ..
7859 Parasites in fasting sphinx larvae .. .. B. C.
7860 Sphinx larvae from 7859 .. 22 ..
7861 Gortyna nitela .. 6 or 7 .. .. ..
7862 Ips fasciatus Champaign .. ..
7863 .. .. pupa cells, from .. 16 ..
7864 Platysamia cecropia, cocoon, ...
7865 Adrodae from Lactuca .. 25 ..
7866 Milon skin infested with Diabrotica 12 [illegible]
7867 Diabrotica from Milon, (7866) Univ. Ills. .....
7868 Harmaphis spinosus, Peoria, Ills. Hamamelis from F. Brendel, Oct '85
7869 Cast larval skin (cast) of Papilio Oct. 25, 1885
7870 Lepidopterous larva, feeding on C. leguminicola Oct. 85 B.C.
7871 .. .. .. Cast skin from 7870 .. 28 ..
7872 .. .. .. Champaign .. .. ..
7873 Coleides on Willow .. .. ..
7874 Crambus sp. ellus, larvae infected with [illegible] 1885
7875 Cast skin from 7870 Oct. Nov. 4, 85
7876 Foot of Lep. larva .. 7875 .. 5 . (Slide)
7877 Section of scale of croppie.
7878 Cybernia Tillandsiae, Harr. Urbana Nov. 6, 85. [illegible]
7879 Acarina from Passalus cornutus Urb. Nov. 8, 85
7880 Misc. Insects from Corn field, French Grove. Nov. 11, 85
7881 .. .. Island Lake .. ..
7882 Elaterides larvae, Wheat, Tuscola Dec., Nov. 5 '85
7883 Misc. Ins. from F. C. Davis, French Grove Ills .. 25 ..

7884 Grasshopper Egg, etc. Ericson, Salisbury Nov.
7885 Elateridae imago and larvae & kinsit Cell. Etc. ..
7886 Ichneumonidae cocoons, Boyle Co. Ky. Nov. 88.
7887 Grasshopper egg pod of which was Meloid larva (7888) from 7883
7888 Meloid larva found in 7887
7889 Egg of Grasshopper from 7881.
7890 Hymen. pupa from 7883 B. C.
7891 ~~Second~~ Pseudopupa Epicauta vittata from 7883
7892 Carabid larva from 7887
7893 Grasshopper eggs, ~~bluegrass~~ pasture, from 7883.
7894 " " " meadow " "
7895 " " pasture " "
7896 Meloidae, pseudo-pupa, pasture " "
7897 " , larvae " " "
7898 Carabidae, imago " " "
7899 Carabidae larvae " " "
7900 Pez. femur-rubrum " " " found dead.
7901 Carabid larva in pod of grasshopper eggs, pasture, from 7
7902 Dipterous larvae " "
7903 Elateridae, " " "
7904 Fragments of Cicindela. " " "
7905 Lepidopterous pupa " " "
7906 Fragments of Coccinellidae " " "
7907 Dipterous larvae " " "
7908 Mucous filling of egg pod " " "
7909 Red mites " " "
7910 Grasshopper eggs meadow " "
7911 Carabidae, imago " " "
7912 " , larva, " " "
7913 Larva " " "
7914 Pupa " " "
7915 Red mites " " "
7916 Dipterous larva " " "
7917 " " "
7918 Parasitized egg of grasshopper " " "
7919 Portion of destroyed egg pod Cornfield " "
7920 Parasitized egg pod " pasture " "
7921 Small eggs in earthen cell " " "
7922 Egg pod of grasshopper " " "
7923 Parasitized egg, grasshoppers, " "
7924 Mermis " "
7925 Parasitized grasshopper eggs " 78
7926 Red mites " "
7927 Eggs " "

7928	Carabidae	from 7884
7929	" larvae	" "
7930	Larva	" "
7931	Bug	" "
7932	Dipterous larva, cornfield	from 7883
7933	" pupae	" "
7934	Myriapod	" "
7935	Egg with parasite	" "
7936	Dipterous parasitic larva	" "
7937	Mix. Egg & larvae, Unid. Farm	Urbana, Nov. 1883
7938	Egg of grasshopper	from 7884
7939	Acrididae	from 7885
7940	Lepidopterous larvae	" "
7941	Myriapoda	" "
7942	Carabidae	" "
7943	Misc. Larvae	" "
7944	Meloidae	" "
7945	Beetle fragments	" "
7946	Larvae	" "
7947	Hemiptera	" "
7948	Scarabeidae	" "
7949	Carabidae, larvae	" "
7950	Staphylinidae	" "
7951	Red mite	" "
7952	Misc. larvae	" 7880.
7953	Hemiptera	" "
7954	Eggs, etc	" "
7955	Spiders	" "
7956	Coleoptera	" "
7957	Larvae	" "
7958	Pupa	" "
7959	Carabidae	" "
7960	Parasitized grasshopper egg	" 7883.
7961	Dip. larva	from 7870
7962	cocoons	" 1881.
7963	Eggs,	" "
7964	Eruscamiger, probably	from 7963
7965	Chiwomus, probably	
7966	Thrips on clover roots	Unid. farm, Champaign Nov. 1883
7967	Corn insect injury to roots	Peoria Co. Ill. Nov. 25, 83.
7968	Ill. Insects, Springfield, roadside,	June 24, 85
7969	" " "	swamp etc. " 27, "
7970	" " "	woods, " " " "
7971	" " "	" " "
7972	" " "	Light " 29 "

Pinned 7973	Misc. Insects	Springfield, Ills.	July 7 '85	Light
" 7974	" "	"	" 8 "	"
Pinned 7975	" "	"	" 6 "	"
Pinned 7976	" "	"	" woods " 4 "	
" 7977	" "	"	" light " 6 "	
" 7978	" "	"	" " June 25 "	
Pinned 7979	" "	"	" " 23 "	
7980	" "	"	" " 25 "	
7981	" "	"	" Water " " "	
Pinned 7982	" "	"	" light July 2 "	
" 7983	" "	"	" " June 27 "	
" 7984	" "	"	" " 26 "	
7985	" "	"	" — 21 "	
7986	" "	"	" July 2 "	
Pinned 7987	" "	Urbana	" Aug 30 "	
7988	" "	"	" Sept. 6 "	
7989	" "	"	Oct. 4 "	
7990	Hyphantria larvae on Elm, Springfield, Ills. June 26, '85			
7991	[illegible]			
Pinned 7992	Misc. Ins.			
7993	Caterpillar killed by fungus Champaign, Ills.			
7994	Diptera pupa from 7884 B. C.			
7995	Cocoon from 3920, removed & mounted 14 Dec, 1885.			
7996	Mtd. sections of larva from 4811 Dec. 21, '85.			
7997	" " " " " 4904 " " "			
7998	" " " pupa of Pieris rapae " 22, '85.			
7999	" " " larva from 3532 " 26, '85.			
8000	~~7800~~ Sections from larva 4811, 20 D. 1			
8001	7801 Mtd. sections of larva from 5254 Dec. 26. '85.			
8002	7802 " " " liver of Salmon from Pac. coast rec'd from Baird.			Dec. 27, '8
8003	7803 " " " Kidney " same fish as 8002			" " "
8004	7804 " " " " " Ecot salmonem from 2809			" " "
8005	7805 " " " liver " " " Same slide as 8004			" " "
8006	7806 " " " Kidney " Polyodon from Quincy			Dec. 30 '8
8007	7807 " " " liver " " " " Same as 8006			" " "
8008	7808 " " " spleen " " " " " " "			" " "
8009	7809 " " " Kidney of 7506			" " "
8010	7810 " " " liver " "			" " "
8011	7811 " " " spleen " "			" " "
8012	7812 " " " liver " Amblystoma tigrinum			" 31 '8
8013	7813 " " " spleen " Salmon rec'd direct from Pac. Coast			" " "
8014	7814 " " " liver " " " " " " Same as 8013			" " "
8015	7815 " " " kidney " " " " " " " " "			" " "
8016	7816 " " " heart " " " " " " " " "			" " "

8017 Mtd. sections kidney Coregonus artedii from market Champaign, Dec. 31, '85 –
8018 " " liver " " " " " " " " "
8019 " " spleen " " " " " " " " "
8020 " " heart " " " " " " " " "
8021 " " Datana larvæ 6904
8022 Hybrachnidae on Zaitha fluminea from 7157.
8023 Gryllotalpa, Springfield, Ills. Dec. 1885.
8024 Orthoptera J. F. Hunt, Jan. 6, 86.
8025 Calandra oryzæ, Lin. New Orleans " " " " Infesting corn.
8026 Mtd. sections kidney of Solenn rec'd. direct from Calif. Jan. 7, 86.
8027 " " spleen " " " " " " " " " Same example as 8026.
8028 " " brain " same as 8002
8029 Peg. femur-rubrum, with mites, from 7157.
8030 Bibio albipennis, Lw., C. A. Kiehl, Tilton, Jan. 1886 Under muscle.
8031 "Baskets" of Bag. worm. Woods Mt. Dec. 27, 85.
8032 Fungus with Dipterous larvæ, Champ. Jan. 14, J. L. Burrill
8033 Chrysalid, Papilio, Autumn, 1885. Champaign Ill.
8034 Caddis worm, Creek, Mt., Jan. 18, '86.
8035 Coleoptera, 1885.
8036 Acarina
8037 Argyia leucostigma, eggs. Nebraska, Jan. 1886.
8038 Leaf of Pyrus arbutifolia, with insect injury, Lincoln Park, Chicago. L. H. Pammel.
8039 Aegeria tipuliformis, larva, Champaign, Ills. Jan. 27, 86.
8040 Currant stem showing work of 8039.
8041 Larvæ under bark of apple tree, Champ. Ills. Jan. 27, 86.
8042 Slug & fern frond injured by it; Unid. Greenhouse Champ. Jan. 28, 86
8043 Kidney showing amyloid degeneration rec'd from N. S. McCormick, Jan 30, 1886.
8044 Ileum "
8045 Phlegethontius larvæ. Autumn, '85. Champ. Ills.
8046 Mist. larvæ, Autumn, 1885 Champaign, Ills.
8047 Cecidomyia sp.; in rolled wheat stalks. From L. H. Pammel, July, 1882
8048 Cecidomyia nitida; injured oat stalks. Kinmundy, Ills. July, 1882
8049 Pupa case of Melanolus, (8052) from B. C. 5747 Feb. 7, 86
8050 Melanolus; larval skin, ~~pupa skin~~ imago from 8047 " " "
8051 Pupa case of Melanolus (8052) from B. C. 5747 " " "
8052 Melanolus: larval skin, pupa skin, imago, from 8051 " " "
8053 Melanolus, pupa case of 8054, from B. C. 5741 " " "
8054 Melanolus: larval skin, imago from 8053 " " "
8055 Melanolus, pupa case of 8054 from B. C. 5741 " " "
8056 Melanolus: larval skin, pupa skin, imago from 8055 " " "
8057 Melanolus " " " " " " B. C. " " "
8058 Melanolus " " " " " " B. C. " " "
8059 Mist. Insects, Urbana, Ills. June 5-7, 85.
" " " " " July 1, 85

8061 : Misc. Insects, [illegible] 8 5
8062 " " " " " 18, 85.
8063 " " 6 " " June 1-15, "
8064. Aphides, Cottonwood, in woods. Springfield, Ills, July 4, 85.
8065 Misc. Insects, Springfield, Ills. June 24, Light
" " " " " July 2, Cemetery.
" " " " " June 23-24 Light
" " " " " June 27, Woods
" " " " " " 29 Light
" " " " " " 27 Twigs + Bark.
" " " " " July 3, Light.
8072 " " " " June 26 "
8073 " " " " " 30 "
" " " " " July " "
" " " " " June 27 "
" " " " " July 4 "
" Coccidae " " June 25, Hard Maple.
" Ephemeridae " " June Light
8079 Misc. Insects, Tolono, Ills. " 19, 85.
" Misc. " Springfield, June 21, 85.
8081 Melanoplus, larval skin, pupal skin, imago, from B. C. 5747 Ills. 18, 85
8082 Melanoplus, earthen pupa cell of 8083 " " " " "
8083 Melanoplus, larval skin, pupal skin, imago " 8082
" " , earthen pupal cell of 8085 " B. C. 5747 " "
8085 " larval skin, pupal skin, imago " 8084 " "
8086 " , earthen pupa cell of 8087 " B. C. 5747 " "
8087 " , larval skin, pupal skin, imago " 8086 " "
8088 " , " " " " " " 8089 " "
8089 " , earthen pupa cell of 8088 " B. C. 5747 " "
8090 " , " " " " " 8091 " " " " "
8091 " , larval skin, pupal skin, imago, " 8090 " "
8092 " , " " " " " 8093 " "
8093 " , earthen pupa cell of 8092 " B. C. 5747 " "
8094 " , " " " " " 8095 " " " " "
8095 " , larval skin, pupal skin, imago, " 8094 " "
8096 " , " " " " " 8097 " "
8097 " , earthen pupa cell of 8096 " B. C. 5747 " "
8098 " , " " " " " 8099 " " " " "
8099 " , larval skin, pupal skin, imago, " 8098 " "
8100 " , " " " " " " 8101 " "
8101 " , earthen pupa cell of 8100 " B. C. 5747 " "
8102 " , Larval & pupa skins. " " " "
8103 " , larvae " " " "
8104 " , imagos " " " "

8105 "Elateridæ, larvæ, from B. C. 5747 Feb. 18, 1886.
8106 Melanotus, cuba case with imago, pupal skin & larval skin, showing manner of hibernating, fr. B.C. Feb. 18, 86.
8107 Dragocephala, from F. J. Early, Tolden, Ills. Feb. 13, 1886.
8108 "Pupa cases, probably of some Aletyes; Carle's strawberry field, Urna, Ills. Sept. 13, 83. (Webster)
8109 Cynipidæ, gall of, on oak leaf, Urna, Ills. Sept. 13, 83.
8110 Melanotus, larval skin, pupa skin, imago, from 8111, Feb. 18, 86
8111 " , earthen pupa cell of 8110 " B.C. 5747 " "
8112 " " " " 8113 " " " "
8113 " , larval skin, pupal skin, imago " 8112 " "
8114 " , " " " " " 8115 " "
8115 " , earthen pupa cell of 8114 " B.C. 5747 " "
8116 " , " " " 8117 " " " "
8117 " , larval skin, pupa skin, imago " 8116 " "
8118 " , " " " " 8119 " "
8119 " , earthen pupa cell of 8118 " B.C. 5[illegible] " "
8120 " " " " 8121 " " "
8121 " , [illegible] skin, [illegible] skin, imago, " 8120 " "
8122 " , " " " " " 8123 " "
8123 " , earthen pupa cell of 8122 " B.C. " "
8124 Misc. larvæ & pupæ, Champaign, Ills. Feb. 16, 86.
8125 Diastrophus, galls of: on raspberry, Champaign, Ills. Jan. 1886. B.C.
8126 " , imagos from 8125. " Feb. 19, 86.
8127 " , pupæ " " " " " "
8128 " , larvæ " " " " " "
8129 " " " " " " Jan. 1886.
8130 Aphis, parasitized skin fd. under board in orchard nr. cornfds. Feb. 20, 86.
8131 Phasidæ from rye: Champaign, Ills. 1885. H. Garman
8132 Lasius, under board: Urbana, - Feb. 20, 1885.
8133 Acarina, from Odonatæus coll. in Cook Co, Ills.
8134 Lasius colony and Schiz. (fenicola), grass roots, Ch. Ills. Feb. 23, 86. B.C.
8135 Schizoneura from 8134. " " B.C.
8136 Lasius from 8134 " " "
8137 Diastrophus from 8125. " 25, "
8138 " , galls, from 8125 " " "
8139 Insects, hibernating, under boards in orchard, Urb. " 19 "
8140 larva, Freeport, Ills. 1875
8141 larvæ, Rock Island, Ills. June, 1882.
8142 White grub, Cornfields, Waterman Ills. Aug. 1882.
8143 larva, Central Ills.
8144 larvæ, "Western. Loc?"
8145 Arthropoda, Misc. fd. in Laboratory without date or label, Feb. 24, 86. [illegible]
8146 larva, Jackson Co., Ills. July 7, 187—, Dr. A. W. Lee, donor.
8147 Gelechia cerealella, wheat infested by, Southern Ills., Oct. 1882.
8148 Coccidæ on Pinus Trifoliata A.B. Seymour [illegible] 1886.

8 [illegible] Xyloterma fragariæ Strawberry blue [illegible] worker &c. Taken Dlls. Aug 8 2. '88. C
8 [illegible] Dl Strawberry plants injured by Paris or Clavipes larvæ. Cobden Sept.
8 57 Abdidas on Duck. Normal, Dlls. June 11, 1883
8 [illegible] Lecanium tiliæmmis Egg punctures of. Cobden, Feb. 15, 84. F. S. Earle
8 [illegible] Curculio, peaches injured by. Normal, Dlls. July 29, 82.
8 [illegible] Larva. Saratoga, Union Co., Dlls. June 17
8 [illegible] Larva. Normal, Dlls. April 13, 1883.
8 [illegible] Rodents [illegible] Duck. Champaign, Dlls. Feb. 27, 1886.
8 [illegible] Bruchus from 8158
8 [illegible] Bruchus, with parasite, from beans E. W. Doran, London Tem. Co.
8 [illegible] Test tube gelatine beef broth inf. from 4025 Feb. 25, '86
8 [illegible] " " " " " " " " " " "
8 [illegible] " " " " " " " " " " "
8 [illegible] " " " " " " " " " " "
8 [illegible] " " fluid " " " " " " " "
[illegible] Engineers camp Ky. 1, 84 Feb. 24 86
[illegible] Bruchus from 8158
[illegible] Test tube gelatine beef broth inf. from 4025, Mch. 3, '86.
[illegible] " " " " " " " " " " "
[illegible] " " fluid " " " " " " " "
Slides from 4025 used for 8166, 8167, 8168
" " " " " 8159, 8160, 8161, 867, 8163
Slide from 8161 Mch. 3, '86.
Bruchus, beans infested by: Bucholtz Dlls. Peach 188. From [illegible]
" from 8172
" paper eaten by; from 8172
Diastrophus, galls of; from 8125. Feb. 27, 1886.
Carabidæ, larvæ: from roadside among Acrididæ eggs. Champaign, Mch. 3
" , larva: " 8176
Meloidæ, pseudopupæ, from roadside among Acrididæ eggs. Champ. Mch. 3
" , pseudo pupa " 8178
Acrididæ, eggs: Champaign, Mch. 4, 1886
" , eggs from 8180 " " " "
" " " " " Baked " " " "
" , eggs affected with fungus(?) " " " "
8184 " , eggs from 8183 " " "
8185 " , eggs with Diptarous larvæ. " " " "
8186 " , eggs found in sod " " " "
8187 " , " from 8186 " " "
8188 " " " 8186 (Baked) " " "
8189 " , " , parasited " " "
8190 Larvæ, in earth, " " " "
8191 Carabidæ " " " "
8192 Pentatomidæ " " "

8198 Bore by Lucid(?) larva: Lyd. in soil where eggs of Acrididæ were common. Champ. Co. Nov. 7, 1884.
8194 Diptera, larva of: .. ..
8195 " larva: .. ..
8196 " , larva: .. ..
8197 Acrididæ, eggs: do sod .. .. ..
8198 Noctuidæ, larva: .. .. ..
8199 Phycis; larva cases: on gg. of Aletes. Univ. Farm, ...
8200 Insect eggs: in corn-root, University Grds. Ch. Dlls. .. .. ..
8201 Aphides on Veratrum: University Grounds .. .. ..
8202 ~~Elateridæ~~, larvæ: Central Illinois
8203 " " : Normal, Dlls, June 20, 1878
8204 " " [illegible]
8205 " " " " June 30 1879
8206 " " " " April 7 1882
8207 " "
8208 " " Rock Island, Dlls. June 1880
8209 Insect larvæ: date & localities in vials. A lot that never was entered.
8210 Bird lice: from hd. of Ageleus phoeniceus Normal Dlls. Feb. 24, 1880.
8211 Acridium americanum: ear showing position &c.
8212 Pupæ of Diptera larva fr. wheat. From Cuba Spec. 22, 23.
8213 Gelechia cerealella.
8214 Insects, Misc.: labels on vials: not before entered:
8215 Sylvanus, destroying oats in barn: Bloomington; Oct. 1882.
8216 Insects, Misc. without data or labels.
8217 Phycis indigenella: larva cases on gg. of Aletes. Champaign, March 9, 86.
8218 " " : old " " " " " " " "
8219 " " : Larvæ from 8217 " " "
8220 " " : old larva cases and empty pupa skins, " " " "
8221 Melanotus tribulosus ♀; from 7847. Det. by Dr. Horn
8222 Coccidæ on Norway Spruce: Champaign, Ill. Mar. 11, 1886.
8223 Bibio larvæ, University Campus .. ..
8224 Aegeria eggs: on Maple .. ..
8225 Cecidomyia destructor in wheat, fr. Saml Bartley, Edgewood, Dlls. May 10 86
8226 [illegible]
8227 Mtd. sections 72 hr. chick
8228 " " " " "
8229 " " " " "
8230 Lachnosterna larvæ, Empty mailed, Misc. From Ark. May 24, 86 Spec. 3
8231
8232
8233
8234
8235
8236 /

9000 Mounted sections of 120 hr. chick made from the neck backwards.
9001 " " " head of 120 hour chick.
9002 " " " 48 hr chick
9003 " " " 4864
1004 Larvae of Nephelodes violans Nly. dead when Taken. Recd. from Wm B. Alwood Ohio Agl. Expt. Sta, Pickerington, O.
9005 " " " " " " " " " " " " " " " " " "
9006 Test tube of gelatine infected with bld. of nly dead silk worm. larva May 26.'86 (Jaundice?)
9007 " " " " " " " " " " " " " " " " Dupl. of 9006
9008 " " " beef inf. " " " " same worm as 9006 & 9007 " " "
9009 " " " " " " " " " " " " " " " " Dupl. of 9008
9010 Slides of alimentary fluid from larva used for 9006, 9007 etc;
9011 Longitudinal vertical sections of 72 hr. embryo chick Mtd. May 26. '86.
9012 Slides from blood of silkworm dead of flacherie May 20.'86
9013 " " " same as 9012 obtained by touching covers & cut surface of al. canal May 20
9014 Vial containing silk worm dead of flacherie May 20, '86.
9015 Test tube of gelatine recd from Berlin inf. wi. al. fluids of silk worm dead of flach., May 20,
9016 " " " " " " " " " " " " bld of silk worm nly. dead of jaundice June 2.'8
9017 " " " beef inf. " " " " " " " " " " "
9018 " " " " " " " " " " " " " " " " "
9019 Slides of blood from same as 9016, 9017, 9018 " "
9020 " " " & alimentary fluids of same as 9019
9021 Test tube of gelatine recd. from Berlin inf from al. fluids of same as 9020
9022 " " " beef broth " " " " " " " " "
9023 Silk worm of white race suffering from jaundice & used for 9016-9022 (Thrown away)
9024 " " " " " nly dead " " In oz. bottle of alc. for sections
9025 Larva of Nephelodes violans recd from Alwood of Ohio Expt. Sta June 2.'86 Dead & limp from
9026 Test tube of gelatine recd from Berlin infected from fluids of 9025, June 2.'86
9027 " " beef broth " " " " " " " " "
9028 Slides of fluids from 9025 " " "
9029 Silk worm of white race nly dead of jaundice June 3, 1886.
9030 Test tube gelatine inf. from blood of 9029 " " "
9031 " " " " " " " " " " " " "
9032 Test tube from blood of 9029 " " "
9033 Slides of blood " " " " "
9034 Two silk worms of yellow race bottled in 95% alc. for hist work June 3.'86
9035 Test tube gelatine inf. from blood of 9029 June 3.'86 (Previously 9007)
9036 Slides of 9029 silk worm blood Sick of jaundice " " " (worm No. 9029)
9037 Young silk worm white race " " " " " "
9038 Test tube gelatine inf. from blood of 9037. June 3, '86. (Spoiled.)
9039 Test tube gelatine inf. from al. fluid of 9037, June 3.'86. (Spoiled.)
9040 Young silk worm of white race sick of jaundice & of same lot as 9037, June 3.'86. In alc.
9041 Slide of blood from 9040 June 3.'86.
9042 Slides of al. fluids from 9037, June 3.'86.
9043 Test tube gelatine inf. from al. fluids 9029 June 3.'86. (Spoiled)

9044 Slides of al. fluids from 9029 , June 3. '86
9045 Silk worm. ~~two~~ of white race very dead of jaundice (very yellow) June 3. '86.
9046 Slides of blood from 9045 " "
9047 " from 9018, June 3, 1886. —
9048 Test tube gelatine inf from bld of 9045 June 3, 1886.
9049 Slides from 9017, " "
9050 " " 9022 " "
9051 " " 9027 " "
9052 Slides of al. fluids of 9045 " "
9053 Test tube gelatine inf. from al. fluids 9045 June 3. '86.
9054 " " " " " " " " " "
9055 " " " " " " " " " "
9056 Slides of fluids from silk worm several days dead of jaundice. Made June 7, '86.
9057 Slides of fluids of silk worm pupa suffering from pebrine. Larvae recd. from C.V. Riley. Made June 7. '86
9058 Two pupae & one larva of silk worm, all with pebrine. Recd. from Riley June '86.
9059 Corn cut worm. from ent. breeding cage fed on grass brushed with 9027 June 8, '86.
9060 Slides from 9027 June 8, '86 See 9059.
9061 Slides from worm of 9059 dead Je. 11, '86.
9062 Slides of culture in 9021 Made June 11, '86
9063 Test tube gelatine inf. from bld. jaundiced silk worm. yellow race nly dead of (9067) June 11. '86
9064 " " " " " " " " " " " " " "
9065 Test tube beef broth inf. from blood of 9067 June 11, '86
9066 Test tube beef broth inf. from blood of 9067, June 11, '86
9067 Jaundiced silk worm yellow race nly. dead June 11. '86.
9068 Test tube gelatine inf from al. fluids 9067 " " "
9069 " " " " " " " " " " " " "
9070 Test tube beef broth inf. from al fluids 9067, June 11, '86
9071 " " " " " " " " " " " "
9072 Slides of al. fluids 9067 Je. 11, 86
9073 " " blood 9067 " " "
9074 Larvae & imagines Bombyx mori suffering from pebrine. Recd. from Riley Je. 12, '86. (Dried). (Killed by preserv.)
9075 Slides of culture in 9015 June 12, '86.
9076 Slide of culture in 9053 June 12, '86.
9077 Slide of culture in 9054. June 12, '86
9078 Slide of culture in 9055, June 12, '86.
9079 " " " 9070 " "
9080 " " " 9071 " "
9081 Test tube gelatine inf from bld. of 9083 Je. 12, '86
9082 Test tube beef inf. infected from bld. of 9083 June 12, '86.
9083 Silk worm of yellow race. nly dead of jaundice Je. 12, '86.
9084 Test tube gelatine inf from al. fluids of 9083 Je. 12. '86.
9085 Test tube beef. inf. infected from al. fluids 9083 Je. 12, '86
9086 Slide of al. fluid 9083 Je. 12, '86
9087 Slide of blood 9083 Je 12, '86.

9088 Test tube beef broth inf. by using bit of chyl. stomach jaundiced silk worm. Je. 14, '86
9089 Test tube beef broth inf. by using bit of chyl. stomach jaundiced silk worm. Je. 14, '86.
9090 Test tube beef broth inf. by using bit of chyl. stomach jaundiced silk worm. Je. 14, '86.
9091 Slide from 9064, Je 14, 86.
9092 " " 9064 " "
9093 " " 9081 "
9094 Test tube of worm al. fluids jaundiced silk worm. Je. 14, '86. See slide 9096
9095 Test tube of same as 9094 Je. 14, '86. See slide 9096.
9096 Slide of al. fluids of sick worm used in 9094 & 9095 Je 14, '86
9097 Test tube of al. fluids of worm dead of jaundice, Je. 15, '86.
9098 Dupl. of 9097
9099 Dupl. of 9097
Slides of al. fluids of worm used for 9097, 9098 & 9099
9101 Test tube beef broth opened & bit of sterilized glass put in it Je 15, '86.
9102 Test tube beef broth opened & bit of sterilized glass put in it Je. 15, '86.
9103 Test tube beef broth opened & bit of sterilized glass put in it Je. 15, '86.
9104 Plate culture of micrococci of al. fluids jaundiced silk worm. Je. 17, '86. (fluids first
9105 Plate culture of micrococci of al. fl. of same worm as 9104 Je. 17, 86 (streaked)
9106 Plate cult. of micrococci of al. fl. of same as 9104 & 9105 Je. 17, 86 (fluids mixed wi. gel.
Test tube containing remnant of agar agar used for 9106
Slides of al. fl. of worm used for preceding four numbers Je. 17, '86.
9110 Test tube agar agar inf. from al. fluids silk worm sick of jaundice Je. 17, 86
Test tube agar agar inf. as 9109
Test tube beef inf inf as 9109
Test tube beef inf. inf. as 9109.
9113 Slide of fluids used in inf. the four preceding nos. Je. 17, 86.
9114 Larva of Nothelodes violans taken at Urbana treated wi. contents 9027 Je. 18, '86.
9115 Slide of culture made under No. 9098 June 19, '86. (Pale micrococcus. See 9116.)
9116 Slide of chromogenous micrococcus of No. 9098 Je. 19, 86.
9117 Slides of sick worm jaundice silk worm. Je. 11, 86. Throw away
9118 Slides of culture made under No. 9105. June 21, '86.
9119 " " 9090 " "
9120 Test tube agar agar inf. from culture (yelow) in 9099. June 21, 1886.
9121 Test tube agar agar inf. from culture (yelow) in 9099. June 21, 1886.
9122 Test tube beef broth inf. from culture (yelow, in 9099 June 21, 1886.
9123 Slide of yellow growth from 9099 used in inf. 9120, 9121, 9122. June 21, 86.
9124 Test tube agar agar inf. from white growth in 9099. June 21, 86
9125 Test tube agar agar inf. from white growth in 9099 June 21, '86,
9126 Slide of white growth from 9099 used in inf 9124, 9125, 9127, June 21, 86.
9127 Test tube beef broth. inf. from white growth in 9099 June 21, '86.
9128 Slides from 9122 June 22, '86.
9129 " " 9127 " "
9130 Flask beef inf. inf from 9127 June 22, '86.
9131 Slides from 9130, 23 Je. 86

9132 8 cabbage worms. confined & fed cabbage brushed wi. culture in 9130, June 23, 1886.
9133. Two larvae Telea polyphemus confined & fed apple leaves brushed wi. culture in 9130, June 23, 1886.
9134 Test tube gelatine (home made) inf. from culture in 9099 (yellow). June 24, 1886.
9135 Test tube gelatine (home made) inf. from culture in 9099 (yellow) June 24, 1886.
9136 Test tube gelatine (home made) inf. from culture in 9099 (white). June 24, '86.
9137. Test tube gelatine (home made) inf. from culture in 9099 (white). June 24, '86.
9138 15 larvae Hyphantria textor confined & fed elm leaves, brushed wi. culture in 9130. June 25, '86.
9139. 6 white grubs placed in earth in box & given potato brushed wi. culture in 9130, June 25, '86.
9140. Slide of culture in 9130 made June 25, '86.
9141 Slide of fluid from dead worm. from 9139. June 26, '86.
9142. Slide bacteria of accidental contam. gelatine in test tube June 28, '86
9143. Slide of culture in 9137. June 28, '86.
9144. Slide of culture in 9134 June 28, '86.
9145. Slide of culture in 9136 June 28, '86.
9146. Slide of fluid from vent of larva in 9133, June 30, '86.
9147. Slide of fluid ejected by sick larva (same as 9146) in 9133, July 1, '86.
9148 Slide of fluid from dead grub from 9139 July 1, '86. From number 9152.
9149 Puncture culture, agar agar, inf from fluids of 9152, July 1, '86.
9150 Surface culture, agar agar, inf: from fl. of 9152, July 1, '86.
9151 Fluid culture, beef inf., inf. from fl. of 9152, July 1, '86
9152 Grub from 9139 dead of jaundice (?) morning of July 1, 1886.
9153 Two Telea polyphemus larvae confined & fed apple leaves brushed wi. material a pebrine corpus. July 2, '86.
9154. 16 Hyphantria textor larvae confined & fed elm leaves brushed wi. pebrine corpuscle material July 2, '86 See 14318
9155. Slide of pebrine corpuscles from 9058 same as used for 9153 & 9154. July 2, '86
9156 Flask beef inf. infected from 9127, July 2, '86.
9157 Slide of fluid from 9127 used for 9156, July 2, '86.
9158 Test tube beef inf. inf: from yel. growth in 9099, July 2, 1886
9159 Slide of material used for 9158 July 2, '86.
9160 Puncture culture in agar agar inf. from bld. ely dead larva T. polyphemus from 9133. July 2, '86.
9161 Surface culture in agar agar inf. from bld. ely. dead larva T. polyphemus from 9133. July 2, '86.
9162 Beef broth culture inf. from bld. ely dead larva T. polyphemus from 9133. July 2, '86.
9163 Slide of bld. from larva used for 9160, 9161, 9162 July 2, '86.
9164 Puncture culture al. fluids T. polyphemus larva from 9133. July 2, '86
9165 Beef broth culture al. fl. T. polyphemus larva from 9133, July 2, '86
9166 Slide al. fluid used for 9164, 9165 July 2, '86.
9167 Slide of fluid ejected by first imago of lot 9132, July 3, '86.
9168 Imago of Pieris rapae emerged in 9132, July 3, '86.
9169 Slide of fluid of 9168 taken from abdomen July 3, '86.
9170 Test tube agar agar inf: by puncture, from fluids of 9168 July 3, '86
9171 Slide of fluid, of grub of lot 9139 dead July 4, '86.
9172 Larva Pyrameis cardui dead of bacterial disease (?) July 5, '86 Thrown away
9173 Slides of fluids from 9172 July 5 '86.
9174 Slides of yellow fluid ejected by emerging P. rapae of 9132, July 5 '86
9175 Test tube cultures in blood agar agar inf. from fluid of imago [illegible] 6 '86

9176 Test tube surface culture agar ägar inf. from fluids of imago from 9132, July 6 '86. Thrown away

9177 Test tube fluid culture beef infusion inf. from same as 9175 & 9176 July 6 '86.

9178 Slide of fluid from imago used for 3 preceding numbers July 6 '86

9179 Imagos from 9132, in 95 cent alcohol. July 6 '86.

9180 3 cutworms confined & fed clover & timothy brushed with water containing pebrine corpuscles. Died

9181 Slide of fluid from dead white grub from 9139, July 6, '86.

9182 Slide of fluid from 2d dead white grub from 9139, July 6 '86.

9183 5 larvae Pyrameis cardui confined & fed thistle brushed with fluid containing pebrine corpus. Died

9184 Slides pebrine corpuscles from 9058 July 7, '86.

9185 Slide of culture in 9122 July 7, '86

9186 Slide of culture 9177 July 7, '86.

9187 Slide of culture in 9158 July 7, '86

9188 Slide of culture in 9151 July 7, '86.

9189 Slide of culture 9162 July 7, '86.

9190 Slide of fluids of last grub dead in 9139. July 8, '86. (Grub 9192)

9191 Slide of culture 9165, July 7, '86.

9192 Last grub dead 9189 July 8, '86 (In 95 cent)

9193 Silkworm moth cult inf. from fluids of 9192 July 8, '86.

9194 Test tube surface cult. inf from fl. of 9192 July 8, '86.

9195 Test tube culture of fl. from 9192. July 8, '86.

9196 6 larvae Dicyphera 10-lineata confined & fed leaves brushed with water containing pebrine corpus. Died

9197 Slide of fluids of dead larva from 9154. July 10, '86.

9198 Four larvae Pieris rapae inoculated wi hypodermic syringe wi. pebrine Corpusc. July 10, '86.

9199 Slide of yellow growth from 9161 July 10, '86.

9200 Slide of white growth from 9161 July 10, '86

9201 Slide of yellow growth from 9161 July 10, '86.

9202 Slide of fluids of 2d larva of lot 9154 dead July 11, '86.

9203 Larva from 9198 dead morning of July 12, '86 (Preserved in bottle) Pebrine

9204 Slides of fluids from 9203 July 12, '86

9205 6 white grubs confined & fed bits of potato dipped in fluid containing pebrine corpuscles from 9058. July 1

9206 2 white grubs confined & fed bits of potato, & with pebrine corpuscles from 9058 introduced by puncture. Died

9207 6 larvae Bombyx mori confined & fed mulberry leaf brushed wi culture in 9127. July 12

9208 Slide of culture in 9127 July 12, '86.

9209 2 larvae Bombyx mori inoculated by puncture wi. culture in 9127 July 12

9210 6 larvae Bombyx mori confined & fed leaves brushed with cult from 9156 July 12

9211 Slide of culture from 9156 July 12, '86

9212 2 larvae Bombyx mori inoculated by puncture wi. cult in 9156. July 12, '86

9213 Slide of fluids from larva of 9138 dead July 12, '86.

9214 Pupa of 9183 dead July 12, '86.

9215 Slide of fluids from 9214 July 12, '86

9216. Slide of fluids of dead larva of 9196. July 13, '86

9217 8 or 9 larvae Bombyx mori confined & fed leaf brushed wi 9127. July 13, '86

9218 21 larvae Platysamia cecropia confined & fed leaf brushed wi. 9127 July 13, '86.

9219 Slide of fluids from larva of 9146 dead July 13, '86

9220 Slide of cult in 9176 July 14, '86.
9221 Two larvae Bombyx mori inoculated by puncture wi. cult. 9127 July 14. '86.
9222 Slide of fluid from mouth of dead larva from 9183 July 15, '86.
9223 Slide of fluid from body of same as 9222 July 15, '86.
9224 Test tube puncture culture agar agar inf. from dead larva from 9218, July 15, '86.
9225 Test tube surface culture agar agar inf. from same as 9224, July 15, '86.
9226 Slide of fluid from larva used for 9224, 9225. July 15, '86.
9227 " " thick dark central part of 9195.
9228 " " lateral part of streak " " " "
(wh of × striated)
9229 Test tube puncture cult., agar agar inf. from larva from 9218 (Not same as 9224) July 15, 86
9230 Slide of fluid from larva used for 9229. July 15, '86.
9231 " " structureless lateral part of streak of 9195.
9232 Imago from 9183 emerged July 15, '86. Alc.
9233 Slide of fluid ejected by larvae in 9221 July 15, '86.
9234 Larva of 9205 preserved in alc. July 14, '86. Thrown
9235 Test tube puncture culture agar agar inf. from blood of 9236, July 16. '86. [illegible]
9236 Larva from 9212 nly dead July 16, '86. Oz. bottle alc. [illegible]
9237 Slide of fluid escaped from mouth of 9236 July 16, '86.
9238 Slide of blood from 9236. July [illegible]
9239 Test tube beef broth culture from blood 9236, July 16, '86
9240 Larva from 9209 dead July 16, '86. Alc [illegible]
9241 Al. fluids discharged by 9240 July 16, '86.
9242 Slide blood from 9240 July 16, '86.
9243 Test tube beef broth inf. from bld. 9240 July 16, '86 (Not well done).
9244 Test tube beef broth inf. from bld. 9240 July 16, '86 (Not well done).
9245 Test tube beef broth inf. from bld. 9240 July 16, '86.
9246 Test tube puncture culture agar agar inf. from blood 9240, July 16, '86.
9247 Slide of fluids from [illegible] pupa Pieris rapae July 15, '86.
9248 " " outer part of surface film of 9149 July 16 '86.
9249 Imago from 9183 emerged July 16, '86 In oz. bottle alc. Thrown
9250 Slide of fluid from vent of 9249. July 16, '86.
9251 Slide from thick central part of film in 4144, July 16, '86.
9252 3 larvae Datana undulosa inoc. by vent wi. 9127, July 16, '86.
9253 Larva D. undulosa inoc. by puncture wi. 9127, July 16, '86.
9254 Slide of deepest part of puncture culture of 9149 July 16, '86
9255 20 cabbage worms confined to fed leaf brushed wi. 9127, July 16, '86.
9256 Slide of bld. of dead larva from 9252 July 17, '86.
9257 Slide of al. fluids of same as 9256 July 17, '86.
9258 Slide from thick yellow film on surface of 9120, 17 July '86.
9259 " " 9239, 17 Jl '86.
9260 Slide from interior growth of 9120, July 17, '86.
9261 Last larva from 9212, July 17, '86. Dead
9262 Slide of blood from 9261 July 17, '86.
9263 Larva from 9207 dead July 17, '86

9264. Slide of fluids from 9263 July 17, '86.
9265 Slide from 9245 July 17, '86
9266 Slide of fluid from dead larva from 9221 July 19, '86
9267 Larva from which 9266 was taken, bottled July 19, '86.
9268 Larva from 9253 dead July 19, '86 Bottled. Thrown away
9269 Slide of blood from 9268, July 19, '86.
9270 Slide of al. fluids from 9268, July 19, 86.
9271 Slide of fluids from dead larva from 9255 July 19, '86.
9272 Slide of surface growth from 9026 July 19, '86
9273 Slide of same as 9272 but made by use of dist. water Jl. 19, '86
9274 Slide of same as 9258, after 3 days exposure to air 19 Jl 86
9275 Slide of fluid from dead larva 9255 July 20, '86.
9276 6 cc. of urea confined 48 hrs (sterile) with 9058, July 20, '86.
9277 2 cc. of urea injected subcut with gelatine cultures from 9058 July 20, 86.
9278 Test tube beef broth inf. from surface growth in 9015 July 20, '86
1279 Duplicate of 9278
9280 Test tube puncture cult., agar agar inf. from surface growth 9015, July 20,
9281 Slide from snow-white surface film of 9033.
9282 Slide from deepest part of 9026. July 20, '86.
9283 Test tube beef broth inf. from surface growth in 9035 July 20, '86.
9284 Rabbit Urine inf. by puncture with cult in 9026, July 20, '86. ?
9285 Test tube puncture cult. from yellow surface growth in 9164, July 20, 86.
9286 Test tube beef broth cult from yellow surface growth in 9164 July 20, '86.
9287 Test tube puncture culture of white surface growth in 9164 July 20, '86.
9288 Test tube Duplicate of 9287.
9289 Test tube beef broth cult. of white surface growth in 9164 July 20, '86.
9290 Slide of blood from 9292 July 21, '86.
9291 Slide of al. fluid from 9292 July 21, '86.
9292 Larva from 9252, nly. dead, bottled July 21, '86.
9293 Slide of fluid ejected by last larva in 9198 July 21, '86.
9294 Slide of fluid ejected from vent of 9284 July 21, '86.
9295 Larva from 9277 dead July 22, '86. Bottled.
9296 Test tube punct. cult. from bld. 9295 July 22, '86 agar agar
9297 Test tube punct cult gelatine from bld 9295, July 22, 86
9298 Slide of bld from 9295 July 22, '86.
9299 Slides from 9289 " " "
9300 Slides " 9283. " " "
9301 Slide " 9278 " " " Rejected. See 9322.
9302 Slide fluids of dead larva from 9217 July 22, '86.
9303 Test tube punct. cult. of material used for 9301 July 22, '86 agar agar
9304 Larva from 9221 dead July 23, '86.
9305 Slide of bld. from 9304 July 23, '86.
9306 Slide of al. fluids 9304 July 23, '86.
9307 Slide fluid exuding from living perla [illegible] July 23, '86

9308. Slide fluids 9311. July 23, '86.
9309. Test tube punct cult. agar agar of fluids 9311, July 23, '86.
9310. Test tube surface cult. agar agar of fluids 9311, July 23, '86.
9311. Larva from 9210 dead July 23, '86.
9312. Slide of deeper growth of 9048 July 23, '86
9313. Slide interior growth 9224 July 23, '86
9314. Slide interior growth 9110 July 23, '86.
9315. Slide surface growth 9110 July 23, '86.
9316. Lower part of interior growth in 9110 July 23, '86
9317. Test tube punct. cult yellow surface growth 9164 July 23, '86. agar
9318. Test tube surface cult yellow surface growth 9164 July 23, '86. agar (In alc.)
9319. Test tube punct. cult. white surface growth 9164, July 23, '86. agar
9320. Test tube surface cult white surface growth 9164 July 23, '86 agar (In alc.)
9321. 50 cabbage worms confined to fed leaf bushed with 9058 July 24, '86.
9322. Slide from 9278 July 24, '86
9323. Punct cult. in test tube agar of fl. cult in 9278 July 24, '86.
9324. Slide of fluids from larva from 9218 dead July 25, '86.
9325. Slide of fluids from 9226 July 25, '86.
9326. Larva from 9276 dead July 25, '86.
9327. Pupae of Pieris rapae Usb. July 26, '86 (Healthy)
9328. Slide of fluids from larva of 9321 dead of pebrine July 27, 1886.
9329. Slide of fluids from larva of 9218 dead July 27, '86.
9330. Slide yellow surface growth in 9164 July 27, '86.
9331. Slide white surface growth in 9164 July 27, '86.
9332. Slide of culture from 9285 July 27, '86.
9333. Slide of culture from 9287 July 27, '86.
9334. Cabbage worm from 9321 dead July 27, '86. (In alc.)
9335. Test tube surface puncture cult. agar, of fl of 9334, July 27, '86.
9336. Dupl. of 9335. July 27, '86.
9337. Cabbage worms from 9321 dead July 27, '86.
9338. Slide of bld. from 9334, July 27, '86.
9339. Larvae from 9321 dead July 28, '86. Pebrine
9340. Slide of fluid from one of 9339 July 28, '86.
9341. Growth from 9316 mounted in balsam July 28, '86
9342. Growth from 9048 preserved in glyc. in vial July 28, '86.
9343. Slide of Cubical part of fibre of 9310 " "
9344. Slide of one of yellow nodules of 9310 " " (Not far from 9343)
9345. Slide of growth in 9225 July 28, 86.
9346. Upper part of growth in 9225 preserved in alc. July 28, '86.
9347. Seven larvae from 9321 dead July 28, '86.
9348. Test tube surface punct. cult agar from bld of 9334, July 28, '86.
9349. Slide of bld from same as 9348 July 28, '86.
9350. Fluid from vent of same as 9348 July 28, 86.
9351. Slide from 9335. 28 Jl 86

9352 Imago from 9276 in alc. emerged July 28,'86. Thrown away
9353 Two imagos from 9255 in alc. emerged July 28, '86. Thrown away
9354 Imago from 9277 July 29,'86. In vial alc.
9355 Slide of fluid ejected by 9354 at time of emerging July 29, 86.
9356 Three imagos from 9255 in vial alc. July 29, 86.
9357 Slide of 9349, 29 July, '86.
9358 4 imagos from 9138 emerged July 29,'86 in alc.
9359 Test tube surface cult. agar from fluids of one of 9358 July 29, '86.
9360 Slide of fluids of one of 9358 July 29, 86.
9361 Slide of fluid from imago of 9207 July 29, 86.
9362 11 imagos from 9196 Bottled July 29, 86.
[illegible] July 29, 86.
[illegible] Thrown away
[illegible] July 30, 86 Pinned.
[illegible] July 31, 86.
[illegible] July 31, '86. Thrown away
[illegible] July 31, '86.
9370 [illegible] July 29, '86 In alc. Thrown away
9371 Larvae fly from 9315 July 31, '86. Pinned
9372 Test tubes surf. & punct. cult. agar inf. from bld of living larva from 9321, July 31,
9373 Slide bld. [illegible] for 9372 July 31, '86.
9374 Slide bl. fluid ejected from mouth of larva used for 9372 July 31, '86.
9375 10 larvae Datana [illegible] wi. 9278 July 31, '86.
9376 Slide of cult. [illegible] July 31, 86.
9377 Slide yeast [illegible] July 31, 86.
9378 Larvae from 9375 Aug. 2, '86. In alc. Thrown away
9379 Slide of bld from 9378. Aug. 2, 86.
9380 Test tube punct. cult agar inf. from bld. 9378 Aug. 2, '86. (Mold on lower part plug when used)
9381 Slide of fluid from dead larva from 9255 Aug. 2, '86.
9382 [illegible] from 9255 in vial Aug. 2, 86
9383 Larvae from 9255 alive) Aug 2, '86 in vial.
9384 Slide of bld. from 9383 Aug. 2, 86
9385 Test tube surf cult inf 9383 Aug 2, '86
9386 Slide [illegible] Aug. 2, 86
9387 [illegible] 9276 Aug. 2, '86. In vial.
9388 Three imagos from 9321 Aug. 2, '86 In bottle. Thrown away
9389 Three imagos, eggs & cocoons from 9207 Aug. 3, '86. In bottle.
9390 Imagos, eggs & pupae from 9210 Aug. 3, '86. In bottle.
9391 White grub dead of some fungous disease Aug. 3, '86 In vial.
9392 Slide bld. dead larva of reserve lot Datana. Aug. 3, '86
9393 Slide of cl. fluids of living larva of reserve lot Datana, Aug. 3, 86.
9394 Datana larvae from reserve lot (same as 9392 & 9393) Aug. 3, 86. Thrown away (Bottle
9395 Datana [illegible] 9375 dead Aug. [illegible]

9396 Test tube: punct. cult. agar inf from bld. 9395 Aug. 4. '86.
9397 Slide bld. 9395 Aug. 4. '86.
9398 Imago from 9255 Aug. 4. '86 In vial alc.
9399 Slide of fld. from dead larva from 9255 Aug. 4, '86.
9400 Four imagos from 9321 Aug. 4. '86 Vial alc.
9401 Three dead pupae & one dead larva from 9321 Aug. 4. '86 Vial.
9402 Four imagos from 9184 Aug. 4. '86. Vial alc.
9403 Slide surface growth 9323. Aug. 5, '86.
9404 Slide from 9303 Aug. 5, '86.
9405 20 cabbage worms confined on leaf [illegible] 9278 Aug. 5. '86.
9406 Slide from 9278 Aug 5, '86.
9407 15 cabbage worms confined on leaf bitten in 9058 Aug. 5 '86.
9408 Two imagos from 9321 Aug. 5, '86. In vial.
9409 Three cabbage worms from 9407 dead Aug. 6. '86. Vial
9410 Five cabbage worms from 9405 dead Aug. 6. '86. Vial
9411 Slide of fluid from one of 9410 Aug. 6. '86.
9412 Slide of micrococci &c. corn-stalks infested by chinch bugs. Edgewood 5 Aug '86.
9413 Larva from 9321 dead Aug. 6. '86. Vial.
9414 Slide fluid from dead Datana of reserve lot. Aug. 6. '86.
9415 Test tube punct cult of same as 9414. Aug. 6, '86
9416 Slide fluids of freshly dead chinch bug imago. Edgewood 5 Aug. 86.
9417 Do. do. pupa.
9418 Slide of fluid from dead worm from 9218 Aug. 6, '86.
9419 Slide of fluid from dead worm from 9407 Aug. 7, '86.
9420 Six worms dead, from 9407 Aug. 7. '86. [illegible]
9421 Slide of fluid from dead larva from 9405 Aug. 7, '86.
9422 Larvae from 9405 dead Aug. 7, '86. Shrivelled
9423 Test tube beef broth cult. fluids dead larva from 9375 Aug. 7, '86
9424 Test tube gelatine cult. fl. ded. larv. from 9375 Aug. 7, '86.
9425 Slide of fluids used for 9423 & 9424 Aug. 7, '86.
9426 Slide of fluids from dead larva from 9217 Aug. 7, '86.
9427 Nly ded. larv. from 9405, Aug. 8, '86.
9428 Slide of fluid from 9427. Aug. 8, 86.
9429 Test tube fluid cult. from Old 9427, Aug. 8, 86.
9430 Three dead larvae from 9407 Aug. 8, '86. Vial.
9431 Slide of fld. from dead larva (not 9432) from 9217 Aug. 8, '86
9432 Two dead larvae from 9217 Aug. 8, '86. In bottle
9433 Slide of fluids from dead larva from 9405. Aug. 9, '86.
9434 Slide of fluid from dead larva from 9407. Aug. 9, 86.
9435 Test tube fluid cult inf. from same as 9434 Aug. 9, '86.
9436 Slides (2 sections) from 9326 Aug. 9, '86.
9437 Sections of 9352 Aug. 10, '86.
9438 Dead larva from 9407 Aug. 11, '86 Vial.

9439 Slide of fluid from dead larva 7375. Aug. 11, '86
9440 Slide of fluid from dead larva by same bot. Aug. 11, '86.
9441 Slide from 9435 Aug. 11
9442 Slide from
9443 30 larvae Pyrameis fed leaves brushed with 9435 Aug. 11, '86
9444 Film bet wh. ct. of from 9336 Aug. 11 '86
9445 Slide of integument & wh. 9444 Aug 11. '86.
9446 Film bet wh. ct. fr. fluid, larva dead. Aug 11, 86.
9447 Slide of fluid from larva used for 9446 Aug. 11, 86.
9448 Cross section 12 Aug. 11 '86
9449 Cross section 13 Aug. 11, '86.
9450 Film from 9424. In alcohol. Aug 11 '86
9451 Slides from film of 9424.
9452 Larva why. dead from 9217 Aug. 12, '86. Imale.
9453 Image from 9452 Aug. 12, '86 Dorsal etc.
9454 Images of eggs from 9154 Aug. 12, '86. Vial etc.
9455 Slide of wh from dead larva from 9443 Aug. 12, '86.
9456 Test tube surface ct. from fluid, same as 9455 Aug. 13, '86.
9457 Test tube surf. cult. of same as 9455 Aug. 13, '86.
9458 Slide bld from dead larva preserved Aug. 13, 86.
9459 Test tube surface ct. from same as 9458 Aug. 13, '86.
9460 Slide bld. dead larva 9443 Aug. 13, 86.
9461 Slide fld. dead larva 9443 Aug. 13, '86.
9462 Slide fld. dead larva 9443 Aug. 13, 86.
9463 Slide fld. dead larva 9443 Aug. 13, '86.
9464 Slide fld dead larva 9443 Aug. 13, 86
9465 Slide fld. dead larva 9443 Aug. 13, '86.
9466 Slide fld. dead larva 9443 Aug. 13, '86.
9467 Slide bld. dead larva 9443 Aug. 13, '86. 1 p.m. (1)
Slide al. fl. & bld same as 9467 Aug. 13, '86. (1)
Slide bld. dead larva 9443 Aug. 13, 86 p.m. (2)
9470 Slide al. fl. & bld. same as 9469 Aug. 13, '86 (2)
9471 Slide bld. dead larva 9443 Aug. 13, '86 (3)
9472 Slide al. fl. & bld. same as 9471 Aug. 13, '86 (3)
9473 Slide bld. dead larva 9443 Aug. 13, '86. (4)
9474 Slide al. fluids & bld. same as 9473 Aug. 13, '86 (4)
9475 Slide bld. dead larva 9443 Aug. 13, '86 (5)
9476 Slide al. fl. & bld. same as 9475 Aug. 13, '86 (5)
9477 Slide bld. dead larva 9443 Aug. 14, '86
9478 Slide al. fl. & bld same as 9477 Aug. 14, '86.
9479 Slide bld dead larva 9443 Aug. 14, '86 (2)
9480 Slide bld & al. fluids same as 9479 Aug. 14, 86 (2)
9481 Four pupae 9443 Aug. 14, 86 In alc. Given away
9482 Slide al. fl. & bld from dead Pyrameis larva of reserve lot Aug. 14, '86

9483 Slide al.fl. obld. from dead Pyrameis larva of reserve lot Aug. 14, '86.
9484 Slide from 9444, 15. Aug., '86
9485 Slides from 9459, 15. Aug., '86.
9486 Slides " 9456 " "
9487 Slide fluids from dead larva 9443 Aug. 15, '86.
9488 Slide fluids from dead larva Pyrameis of reserve lot Aug. 15, '86.
9489 Slide of al. fluids obld dead Datana larva reserve lot Aug. 16, '86.
9490 Test tube surface cult from same as 9489 Aug. 16, '86.
9491 Slide of al. fl. obld. of dead Datana larva reserve lot Aug. 16, '86
9492 Slide [illegible]
1493 30 Datana larvae fed walnut leaves brushed wi. 9444 Aug. 16, '86.
9494 30 Datana larvae fed walnut leaves brushed wi. 9444 Aug. 16, '86.
9495 30 Datana larvae in breding cage as check on 9493 Aug. 16, '86
9496 30 Datana larvae in breding cage as check on 9494 Aug. 16, '86.
9497 Slide bld. dead larva 9375 Aug. 17, '86. (1)
9498 Slide al. fluids obld. same as 9497 Aug. 17, '86.
9499 Slide al. fl. obld. of dead larva 9375. Aug. 17, '86. (2)
9500 Slide al. fl. obld. dead larva 9443 Aug. 18, '86.
9501 Slide al. fl. obld. dead larva 121[illegible] Aug, '86.
9502 [illegible] mixed fl. from dead larva 9448 Aug. 24, '86.
9503 Slide mixed fluids from dead larva 9493 Aug. 24, '86.
9504 Slide mixed fluids from dead larva 9493 Aug. 24, '86.
9505 Imagos from 9153, dead, Aug. 24, '86.
9506 [illegible] Aug. 25, '86.
9507 Slide of mixed fluids from [illegible] of 9506 Aug. 25, '86.
9508 Test tube surf. & punct. cult from same as 9507 Aug. 25, '86. agar
9509 [illegible] of 9507
9510 Two imagos 9443 Aug. 25, '86. Boate del.
9511 Slide of mixed fluid from one of 9510 Aug. 25, '86
9512 Test tube surf. & punct cult. agar inf. from same as 9511 Aug. 25, '86.
9513 Dupl. 9512
9514 Slide mixed fluids dead larva 9494 Aug. 25, '86.
9515 Three dead larvae 9493 Aug. 25, '86
9516 Slide mixed fluid from one of 9515 Aug. 25, '86.
9517 Test tube surf. & punct. cult agar inf. from mixed fl. from same as 9516. Aug 25
9518 Three dead larvae from 9496 Aug. 25, '86. Thrown away
9519 Slide mixed fluid from dead larva from 9496 Aug. 25, '86
9520 Slide old dead larva 9218 Aug. 26, '86.
9521 Slide al. fl. same as 9520 Aug. 26, '86.
9522 Slide fluids dead larva 9493 Aug. 22, '86. Two [illegible]
9523 Slide fluids dead larva 9446 Aug. 23, '86
9524 Slide fluids dead larva 9493 Aug. 21, '86.
9525 Slide fluids dead larva 9446 Aug. 22, 86.
9526 Slide fluids dead larva 9493 Aug. 22, '86.

9517 Slide fluids dead lava 9495 Aug. 23, '86.
9530 Slide fluids dead lava 9496 Aug. 23, '86.
9531 Slide fluids dead lava 9218, Aug. 23, '86.
9532 Slide fluids dead lava 9218 Aug. 23, '86.
9533 Slide fluids dead lava 9495 Aug. 27, '86.
9534 Slide fluids dead lava 9495 Aug. 27 '86
9535 Slide fluids dead lava 9495 Aug. 27, '86 (1)
9536 Slide fluids, dead lava 9493 Aug. 27 '86 (1)
9537 Slide fluids dead lava 9493 Aug. 27, '86 (2)
9538 Slide fluids dead lava 9493 Aug. 27, '86 (3)
9539 Slide mixed fluids from living imago 9443 Aug. 27, '86.
9540 Test tube cult. agar, inf. from same as 9539 Aug. 27, '86.
9541 Slide mixed fluids, dead lava 9444 Aug. 28, '86. (1)
9542 Slide mixed fluids dead lava 9494 Aug. 28, '86 (2)
9543 Slide mixed fluids dead lava 9495 Aug. 28, '86 (1)
9544 Slide mixed fluids dead lava 9495 Aug. 28, '86.
9545 Slide mixed fluids dead lava 9496 Aug. 28, '86
9546 Slide bld. dead lava 9218 Aug. 28, '86.
9547 Test tube surf. & punct. cult. agar same as 9546 Aug. 28, '86.
9548 Slide al. fluids same as 9546 Aug. 28, '86
9549 Test tube surf. & punct. cult. Agar, al. fluids same as 9547 Aug. 28, '86.
9550 Slide mixed fluids dead lava 9496 Aug. 29, '86.
9551 Slide mixed fluids dead lava 9495 Aug. 29, '86.
9552 Slide mixed fluids dead lava 9494 Aug. 29, '86.
9553 Slide mixed fluids dead lava 9218 Aug. 29, '86 (1)
9554 Slide mixed fluids dead lava 9218 Aug. 29, '86 (2)
9555 Slide fluids dead lava 9496 Aug. 23, '86.
9556 Slide bld. dead lava 9218 Aug. 30, '86.
9557 Slide al. fluids same as 9556 Aug. 30, '86.
9558 Two Tachina flies from 9138 Aug. 30, '86.
9559 Test tube agar inf. from al. fluids same as 9556 Aug. 30, '86.
9560 Dead larva in cocoon from 9133 Aug. 30, '86. (In box)
9561 Four Tachina flies from 9154 Aug. 30, '86. (Pinned)
9562 Test tube beef broth inf. from bld. mly. dead cabbage worm Aug. 31, '86.
9563 Test tube beef broth inf. from bld. mly. dead cabbage worm Aug. 31, '86.
9564 Test tube beef broth inf. from al. fl. mly dead cabbage worm Aug. 31, '86. } all from same
9565 Test tube beef broth inf. from al. fl. mly dead cabbage worm Aug. 31, '86 }
9566 Slide mixed fluids of larva used for four preceding numbers Aug. 31, '86.
9567 Slide from 9564 Sep. 1, '86.
9568 Slide from 9565 Sep. 1, '86.
9569 Slide from 9563 Sep. 1, '86
9570 Slide from 9562 Sept 1 '86.

9571 Test tube beef broth inf. from bld cabbage worm. obj dead Sep. 2. '86
9572 Dupl. 9571
9573 Dupl. 9571
9574 Test tube agar & gelatine inf. from al. fl. of same as 9571 Sep. 2, '86.
9575 Dupl. 9574
9576 Test tube beef broth inf. from al. fl. same as 9571 Sep. 2. '86.
9577 Test tube agar & gelatine inf from bld. same as 9571 Sep. 2. '86.
9578 Dupl. 9577.
9579 Slide of mixed fluids from larva used for 9571 – 9578 Sep. 2. '86.
9580 Slide from col. growth 9549 Sep. 3. '86.
9581 Slide from yellow growth 9549 Sep. 3. '86.
9582 Slide from 9547 Sep. 3, '86.
9583 Slide from 9540 Sep. 3. '86.
9584 Slide fluids of dead Ch. bug col. at Nashville Sep. 1. '86. Bg. from lot 9587. Slides destroyed 1939
9585 Test tube agar & gelatine inf. from fluids dead ch. bg. of 9587 Sep. 3. '86.
9586 Test tube agar inf. cult from fluids dead ch. bg. of 9587
9587 Chinch bugs col. at Nashville, Ill. Sep. 1. '86 by S. A. F.
9588 Ch. bgs. col. at Nashville Sep. 1, '86. Dead when col. S. A. F.
9589 Slide of fluids from bg. of 9588 Sep. 3. '86. Slides destroyed 1939
9590 Test tube agar & gelatine inf. from fluids of one of 9588 Sep. 3. '86.
9591 Test tube agar inf cult from same as 9590 Sep. 3. '86.
9592 Slide of gummy material sent in 9588 Sep. 3. '86. Slides destroyed 1939
9593 Slide of fluids from living ~~larva~~ bug. from 9587 Sep. 3. '86 Slides " 1939
9594 Test tube agar & gelatine inf. from fluids living bug from 9587 Sep. 3. '86.
9595 Culture from 9577 transferred to alc. – bottle Sep. 4 '86 [illegible]
9596 Slide bld. obj. dead Plusia brassicae larva, from Potwin, Manhattan, Kas. Sep. 6. '86
9597 Slide al. fl. bld same as 9596. Sep. 6, '86
9598 Test tube agar & gelatine inf. from al. fl. same as 9596. Sep. 6. '86.
9599 Slide mixed fluids from just dead cabbage worm. Sep. 6. '86.
9600 Test tube agar & gel. inf. from same as 9599. Sep. 6. '86.
9601 Test tube beef broth inf. from same as 9599. Sep. 6. '86.
9602 Dupl. of 9601 Sep. 6. '86.
9603 Slide of fluids from dead Datana larva (spontaneous disease) Sep. 6. '86
9604 Test tube agar & gel. inf. from same as 9603. Sep. 6. '86.
9605 Test tube beef broth inf. from same as 9603. Sep. 6, '86.
9606 Dupl. 9605. Sep. 6. '86
9607 Test tube agar & gel. inf. from bld. dead cabbage worm from Manhattan K. Sep. 6. '86 (Shower culture) Transf. to alc. Sep. 14. '86.
9608 Two larvae Dorcenma undulosa inf. by puncture with fluids of dead cabbageworm. Sep. 6. '86.
9609 Slide of fluids used for 9608 Sep. 6. '86.
9610 Slide bld used for 9607 Sep. 6. '86
9611 Gum on corn inf. with ch. bgs Flora Sep. – '86
9612 Slide mixed fluids from dead larva 9518 Sep. 8, '86.
9613 Slide mixed fluids from Datana larva dead of spontaneous disease Sep. 8, '86.
9614 Slide bld. dead larva 9608 Sep. 9. '86 (1)

9615 Flask beef inf. inf. from bld same larva as 9614. Sep. 9. '86.
9616 Test tube agar inf. from bld same as 9614 Sep. 9. '86.
9617 Slide bld. dead larva 9608, Sep. 9. '86. (2)
9618 Test tube beef broth inf from bld same as 9617 Sep. 9. '86
9619 Test tube beef broth inf from bld. same as 9617 Sep. 9. '86
9620 [illegible] 9618 & 1619 [illegible]
9621 Slide from 9618, Sep. 12, '86.
9622 " " 9620 " "
9623 " " 9615 " "
9624 Slide from [illegible] 9609, Sep. 12, '86.
9625 Slide from 9606. Sep. 14, '86.
9626 Slide from 9559 Sep. 15, '86.
9627 Slide from surface growth 9578. Sep. 15, '86.
9628 Slide from surface growth 9614. Sep. 15, '86.
9629 Slide from surface growth 9600. Sep. 15, '86.
9630 Slide from surface growth 9598. Sep. 15, '86.
9631 Slide from 9594. Sep. 15, '86. Slides destroyed 1939
9632 Slide from 9586. Sep. 15, '86. Slides destroyed 1939
9633 Slide from 9591. Sep. 15, '86. Slides destroyed 1939
9634 Test tube beef broth inf. from 9586. Sep. 15, '86.
9635 Dupl. 9634. Sep. 15, '86.
9636 Slide from surface 9607. Sep. 15, '86.
9637 Slide from dead cabbage worm from Manhattan Kas. Made Sep. 15, '86.
9638 Slide from surface growth 9575. Sep. 15, '86.
9639 Slide bld. recently dead Datana larva of reserve lot Kept out of doors Sep. 20. '86
9640 Slide bld. & al. fluids same as 9639. Sep. 20. '86.
9641 Test tube agar surf. & pacmet. cult. from bld. same as 9639 & 9640. Sep. 20. '86
9642 Test tube agar inf. from gum from corn leaves Sep. 21. '86.
9643 Slide from 9615 Sep. 25. '86.
9644 Test tube beef inf. inf. from bld. recently dead cabbage worm. Sep. 24. '86.
9645 " " " " " " " " " " " "
9646 " " " " " " " " " " " "
9647 " " " " " " " " " " " " " Not well done
9648 Slide bld. of worm used for 9644-9647 Sep. 25. '86
9649 Test tube beef inf. inf. from bld recently dead cabbage worm, Sep. 24, '86.
9650 Dupl. 9649
9651 Slide bld. worm used for 9649, 9650 Sep. 24. '86.
9652 Test tube beef broth inf. from al. fl. same as 9649 Sep. 24. '86.
9653 Dupl. 9652
9654 Dupl. 9652
9655 Slide ~~fl~~ al. fluid used for 9653 & 9654 Sep. 24, '86
9656 Test tube beef broth inf. from 9615 Sep. 24. '86.
9657 Dupl. 9656
9658 Dupl. 9656

9659. Dupl. 9656
9660. Dupl. 9657
9661. Slide blood from larval Hyphantria textor recd. from L. O. Howard Oct. 11. Sick of bacterial disease? Oct. 12 '86
9662. Slide al. fluids same larva as 9661
9663. Test tube punct. cult. same as 9661 + 9662
9664. Slides from 9663, 17 Oct. 1886.
9665. Slides Kidney from diseased Salmon recd. from Pac. coast preserved in chr. acid
9666. Pigmented axillary gland? recd from Dr. Mercer see letter, 4 June, 86 Specimens destroyed
9667. Slides kidney diseased Salmon recd. from Pac. coast thro[illegible]
9668. Slides pigmented tumor from axilla Mam. Rec'd. from Dr. Mercer with 9666
9669. Slide section liver from 4987
9670. Slides [illegible] from 4987.
9671 [illegible] from 4987
9672. Slides liver same as 9667
9673. Slides brain same as 9667
9674. Slides liver from 4980
9675. Slides heart from 4980
9676. Slides liver from 4946
9677. Slides liver from 4938
9678 [illegible] from meadow Dec., 1886.
9679. Slides liver from 7506
9680. Slides heart from 7506
9681. Slides Kidney from 7506.
9682. Slide brain from 7506
9683. Slide fatty bodies healthy larva Macrocila from alc.
9684. Slide fatty bodies healthy pupa Bombyx mori from alc. ~~Slide destroyed 1939~~
9685. Slides blood from typhoid fever subject ~~Hos~~. Dec. 1, '86.
— 9686. Slides fluids from dead chinch bugs from S. Ald. Dec. 12. '86. One slide discarded 11/15-38
9687. Sections from post pt. larva from 5254 Mtd. Feb. '87.
9688. Sections through thorax larva from 9004 Mtd. Feb. '87.
9689. Sections through middle of larva from 9004 same as 9688. Mtd Feb. '87.
9690. Sections through larva from 4066 Mtd. Feb. '87.
9691. Sections of larva from 9004. Made Feb. '87.
9692. S. end S. cove - Cedar L., Oct. 23, '82. - 1 fath.
9693. Slides in serial order from larva of lot 4066 Mtd. Feb. '87.
9694. Sections pupa Pieris rapae from 9327 Mtd. Feb. 1887.
9695. Sections pupa Pieris rapae from 9327 Mtd. Feb. 1887.
9696. Sections from ~~post~~ middle of 9261 Mtd. Feb. 1887.
9697. Sections from head pupa Bombyx mori preserved June 1886 Healthy.
9698. Sections from post. pt. body same as 9697
9699. Sections from larva of 9004 Mtd. Feb. 188[illegible].
9700. W. Cove, Cedar L. Oct. 23, 82. 3-4 fath.
9701. E. shore Cedar L., Oct. 23, 82. 1 fath.
9702. Cedar L. below S. W. Pt. and N. shore. - 1 fath. - Over vegetation.

9703 [illegible] Cedar L. Oct. 23 [illegible] path. - Over vegetation.
9704 Tr. Cor. Cedar L. Oct. 23. 8s 2 path. - Over vegetation.
9705 Sections from middle of healthy pupa Bimbyx mori preserved June 1 886
[illegible] [illegible] [illegible] [illegible] Dec. 1887.
9712 Sections post. pt. body larva from 9432 Mch. 1887.
Sections middle same as 9712 " "
Sections ant part same as 9712 " "
[illegible] Preserved Dc. 16. 1886.
Sections through middle of larva from 9710
Sections through thorax same as 9710
Sections [illegible] same as 9710
Sections from dissected [illegible] from 9710
Sections through dissected thorax from 9710
Sections through post or anal region same as 9710
Embryo chick 96 hrs old sections transversely 1 slides.
sections [illegible] from 8990 Mch. 87.
Sections post part same pupa as 9712
Embryo chick sections transversely 96 hrs old. ~~Section~~ 13 slides (No 11 spoiled)
Sections through middle same as 9712
Sections [illegible] slides Transferred to Univ. Cist.
Sections post part [illegible] from 95
Sections [illegible]
Sections from middle of larva from 9763
Sections from thoracic region same larva as 9745
Sections from post abd. [illegible] same as 5.
Sections through abdomen (ant ?) ~~Sections~~ segments 14-16
Sections through post part 9752
9730 slides sections anterior part same as 9729
9731 Sections thorax same as 9729
9732 sections post. part same as 9729
9733 Sections post. part larva from 9311
9734 Sections from middle same larva as 9733
9735 Sections from thoracic region same larva as 9733
9736 Sections from middle larva 9365.
9737 Sections from post. part same larva as 9736
9738 sections ant. part same larva as 9736
9739 Sections through middle of body larva from 4610
9740 Sections thorax same larva as 9739
9741 Sections post part same larva as 9739
9742 Sections tumor from 'calf's leg.. Rec'd from Dr. McCulloch Apr. 1887.
9743 Cutworm, abt 2 hrs dead. Q. flaccuria, Kelm., 13 May. (abt 2 hrs dead)
9744 Slide from 9743. (blood)
9745 " " " (fluids)
9746 Nitrobacter winogradskyi 8 hrs. abt 5 hrs d. or 1/2 each. 13 Jan. 1887. Abt

9747. Slide of fluids from 9746.
9748 Nephelodes violans, nearly, but not quite dead. [illegible]
9749. Slides of blood of 9748.
9750. Nephelodes violans, possibly sick. Urbana, 18 May, 1887.
9751. Slides from larva from 4680
9752. Slides from post. half 9748 (longitudinal) May 31, '87.
9753 Slides from ant. half 9748 (long.) " " "
9754. Slides from post. part of 9750 (long.) " " "
9755. Slides from ant. part 9750 (long.) " " "
9756. Nephelodes larva, full grown, just dead, soft, June 2, 1887. Urbana.
9757. Slide of blood of 9756.
9758 Nephelodes larva, nearly dead, Urbana, 3 Jn. 1887. [illegible]
9759 Slide of fluid from vent of 9758. 3 Jn "
9760 " " " " 9758. (dead). 7 Jn "
9761. Sections post part 9746 (from before backward, transverse.)
9762. Sections of extreme post part same as 9761 (longitudinal).
9763 Anterior part same as 9761 (longitudinal sections)
9764. Sections ant part 9743 (longitudinal)
9765 " post " " "
9766 Sections Nephelodes larva slg. dead? Mtd. June 16 1887.
9767 Sections post. pt. Nephelodes larva dead of muscarine " " 16 "
9768. Sections post. pt. Nephelodes larva dead of muscarine Mtd. June 17, '87.
9769. Sections post. pt. 9014 (from before backwards).
9770 Sections ant. pt. 9014 " " "
9771 Nephelodes larvae dead of muscarine Urbana Jn. 1887.
9772. Piece of one of 9771 embedded in sterilized sand & get growth of spores June 23. '87.
9773. Test tube agar inf. on surface from 9094 June 25, 1887. 9 A.M.
9774. Dupl. of 9773
9775. Test tube agar inf. on surface from 9171 June 25, 1887 10 A.M.
9776. Test tube agar inf. on surface from 9111 June 25, 1887 10.15 A.M.
9777. Test tube agar inf. on surface from 9065 June 25, 1887 11 A.M.
9778. Sections head & thorax larva 12557
9779 " thorax same as 9778
9780 " middle " " "
9781 " post part " " "
9782 Sections hd. & thorax 12555
9783 " middle " (same larva as 9782)
9784 " post. part " " " " "
9785 Sections thorax 12569 Nephelodes. leucaniis. Urbana
9786 " middle " (same larva as 9785)
9787 " post pt. " " " " "
1788 Sections thorax 12351
1789 " middle " (same larva as 9788,
9790 " post. part " " " "

9791. Sections hd. & thorax 12551
9792 Sections thorax 12551 same as 9791
9793 Sections middle 12551 " " "
9794 Sections post. part 12551 " " "
9795. Sections hd. & thorax larva from 12479
9796 Sections middle same larva as 9795
9797. Sections post. part same larva as 9795
9798. Test tube agar inf. on surface from 9121. July 6, '87.
9799. Dupl. of 9798.
9800. Slides bacteria from 9121. July 6, 1887.
9801. Test tube agar inf. from 9771 July 7, 1887
9802. Dupl. of 9801 " " "
9803. Dupl. of 9801 " " "
9804 Dupl. of 9801. " " "
9805. Dupl. of 9801 " " "
9806. Dupl. of 9801 " " "
9807. Slide of growth in 9802 July 8, 1887.
9808. Piece of larva from 9771 imbedded in sand >gel stones July 11, 1887.
9809. " " " " " " " " " " " " " "
9810. Moist cell inf. from 9771 July 11, 1887.
9811 Dupl. 9810
9812 Dupl. 9810
9813 Rhizia sp. larvae fed material from 9771 July 11, 1887.
9814 Flask beef inf. inf. from 9771. July 15, 1887.
9815 Slide from 9803 July 15, 1887.
9816 Slide from 9805 July 15, 1887.
9817 Slide from 9801 July 15, 1887.
9818 Slide from 9808 July 15, 1887.
9819 Flask inf. of corn inf. from 9771 July 18, 1887.
9820 Beef inf. in test tube inf. from 9094 July 18, 1887.
9821 Beef inf. in test tube inf. from 9121 July 18, 1887.
9822 Beef inf. in test tube inf. from 9111 July 18, 1887.
9823 Beef inf. in test tube inf. from 9065 July 18, 1887.
9824 Beef inf. inf. from 9549 July 18, 1887
9825 Beef inf. inf. from 9547 July 18, 1887
9826 Test tube agar inf. on surface from 9549 July 18, 1887.
9827 Test tube agar inf. on surface from 9547 July 18, 1887
9828 Larva dead of Entomophthora? Alabama. Apr. 29, 1885
9829 Moist slide inf. from 9828 July 19, 1887.
9830 " " " " " " " "
9831 Test tube agar inf. from 9804 orange growth July 19, 1887.
9832 " " " " " " white " " " "
9833 Slide bacteria from 9814 July 19, 1887.
9834 Moist slide inf. with nicotine sp. from 9808 July 19, 1887.

9835 Moist slide inf. ov. muscardine stocks from 9808 July 19, 1887.
9836 " " " " " " " " " " " " "
9837 Slide sections thorax healthy Bombyx mori larva from Riley Mtd July 19, 1887.
9838 Slide sections middle same larva as 9837 " " "
9839 Slide sections post. post same larva as 9837 " " "
9840 Slide sections thorax healthy Bombyx mori larva Mtd. July 20. '87.
9841 " " middle " same larva as 9840 " " " "
9842 " " post. pt. " " " " " " " " "
9843 Slide sections thorax larva from 12831 July 21, '87, (Thrown away)
9844 " " middle same larva as 9843 " " " " "
9845 " " post. pt. " " " " " " " " "
9846 Slides from 9775, 21 July, '87
9847 " " 9826, 21 " "
9848 Slide orange growth 9804 July 22, '87.
9849 " white " " " " " "
9850 Slide from 9773 July 22, '87.
9851 " " 9824 " " " .
9852 15 Datana larvae from ii about confined ofd leaves marked with 9808 July 23, '87.
9853 6 " " " " " " " " " 9828 " " " .
9854 Slide from 9808 July 23, '87.
9855 Slide from 9828 July 23, 1887.
9856 Slide from 9819 July 23, 1887.
9857 Plate culture agar inf. from 9809 July 23, 1887.
9858 Sections Diplocardia July 25, 1887. (Hardened in alc.)
9859 Sections Diplocardia " " " (Hardened in chromic acid)
9860 Sections near post. extr. same as 9859
9861 Sections thorax silk worm larva from Riley July 26. '87.
9862 Sections middle same as 9861
9863 Test tube agar inf. from 9444 July 26. '87.
9864 Dupl. 9863
9865 Test tube beef broth inf. from 9444 " " "
9866 Slide material from 9444 " " "
9867 Slide sections larva Drilephila ready for preparation. July 26. '87.
9868 Slides of healthy cabbage worm. thro sections through region con. ex. organs July 27, '87. Corr. subl.
9869 Sections front of body true Lumbricus July 27. '87.
9870 Fourth Lake, Aug. 2, 1887 Miscel.
9871 Sand Lake " " " Towing net, evening, deep water.
9872 " " " 3 " Hydrachnid from gills of Anodonta footiana.
9873 " " " " " Leech parasitic on "
9874 " " " " " Towing net, afternoon, deep water, sunshine
9875 " " " " " Miscel.
9876 " " " " " Aquatic insects, imagos
9877 " " " " " " larvae
9878 " " " " " Miscellaneous

9799	Sand Lake,	Aug 3,	1887,		Insects from seine	
9800	"	"	"	"	Larvae	"
9801	"	"	"	"	Ceris & Sphaerium	"
9802	Slide	from 9763	Aug. 1st,	'87.		
	Slide	from 9771	Aug 11,	'87.	Thrown away	
	Slide	from 9765	Aug 11,	'87.		
9803	Sand Lake,	Aug 2,	1887,		Towing net, evening, shallow weedy water.	
9805	Fourth	"	"	4	"	afternoon, deep water. cloudy
9807	"	"	"	"	"	Entaenia.
9808	"	"	"	"	"	Larva
9809	"	"	"	"	"	Molluscs
9810	"	"	"	5	"	"
9819	"	"	"	"	"	Larvae & cases
9820	"	"	"	"	"	Leeches from outside of sheet of Anodonta footiana
9821	"	"	"	6	"	Leeches
9841	"	"	"	"	"	Fishes
9842	Slough	"	"	8	"	Spongilla, 1–1½ ft. water.
9896	"	"	"	"	"	Cordius
9897	Sand	"	"	"	"	Case worms from seine over shallow, sandy bottom.
9898	"	"	"	"	"	other Neuropterous larvae. " " " " "
9899	"	"	"	"	"	Fishes " " " " " "
9900	"	"	"	"	"	Molluscs " " " " " "
9901	"	"	"	"	"	Vermes & Corethra Ova.
9902	"	"	"	"	"	Gills of Ceris of Lakes, with young.
9903	"	"	"	"	"	Towing net, evening, over deep water
9904	Slough	"	"	9	"	Spongilla, free & attached to Chara & Potamogeton.
9905	"	"	"	"	"	Larvae, neuropterous, & dipterous, from Chara
9906	"	"	"	"	"	Molluscs " "
9907	"	"	"	"	"	Vermes " "
9908	"	"	"	"	"	Corethra larva in rolled leaf of Potamogeton.
9909	Fourth	"	"	"	"	Fishes, taken with net & sieve among Chara
9910	"	"	"	"	"	Cambarus " " " " " " "
9911	"	"	"	"	"	Allorchestes " " " " " " "
9912	"	"	"	"	"	Insects " " " " " " "
9913	"	"	"	"	"	Diptera larva " " " " " " "
9914	"	"	"	"	"	Case worms " " " " " " "
9915	"	"	"	"	"	Other Neuroptera larvae " " " " " " "
9916	"	"	"	"	"	Leeches " " " " " "
9917	"	"	"	"	"	Molluscs " " " " " "
9918	"	"	"	"	"	From slide of Anodonta footiana
9919	"	"	"	"	"	Algae?
9920	"	"	"	"	"	Towing net over deep water, night.
9921	"	"	"	"	"	Gasterosteus inconstans
9922	"	"	"	"	"	Taken with sieve among Chara & Miscel. [illegible]

9923	Fourth Lake,	Aug 10,	1887.		Mollusca along shore	
9924	Sand Lake	"	"	"	Neuroptera larvae, under rocks, E. Shore.	
9925	"	"	"	"	Frogs	
9926	"	"	"	"	Fishes from sieves from Chara &c in shallow water	
9927	"	"	"	"	Insects " " " " " " " "	
9928	"	"	"	"	Larvae, chiefly neuropterous form " " " " " "	
9928½					Case-worms " " " " " "	
9929	"	"	"	"	Caseworms " " " " " " "	
9930	"	"	"	"	Vermes " " " " " " "	
9931	"	"	"	"	Mollusca " " " " " " "	
9932	"	"	"	"	From shells of Unionidae [illegible]	
9933	"	"	"	"	Coleoptera from towing net dragged by hand [illegible]	
9934	"	"	"	"	Hemiptera " " " " " " "	
9935	"	"	"	"	Neuropterous other larvae " " " " " " "	
9936	"	"	"	"	Vermes & Hydrachnid " " " " " "	
9937	"	"	"	"	Mollusca " " " " " "	
9938	"	"	"	"	[illegible] " " " " " "	
9939	"	"	"	"	Minute hydrachnid " " " " " "	
9940	Cedar Lake	S. cove. sandy	"	11	" Insects " " " " " "	
9941	"	"	"	"	" Larvae " " " " " "	
9942	"	"	"	"	" Mollusca " " " " " "	
9943	"	"	"	"	" Leeches " " " " " "	
9944	"	" S. cove	"	"	" Larvae washed [illegible]	
9945	"	"	"	"	" Mollusca " " "	
9946	"	"	"	"	" Leech & Allorchestes " " "	
9947	"	"	"	"	" Insects	
9948	"	"	"	"	" Larvae, neuropterous	
9949	"	"	"	"	" Caseworms	
9950	"	"	"	"	" Vermes	
9951	"	"	"	"	" Mollusca	
9952	"	"	"	"	" Eggs on lily pads	
9953	"	"	"	"	" " " small oval peltate leaf (3 x 2 in)	
9954	"	"	"	"	" Spongilla, north shore.	
9955	Test tube agar inf. from 9336 Aug. 23, 1887					No growth Sep. 2. '87.
9956	Test tube beef inf. inf from 9336 Aug. 23, 1887					
9957	Slide from 9336 Aug. 23, 1887.					
9958	Test tube agar inf. from 9600 Aug. 23, 1887.					
9959	Test tube beef inf. inf from 9600 Aug. 23, 1887.					
9960	Slide from 9600 Aug. 23, 1887.					
9961	Test tube agar inf. from 9335, Aug. 23, 1887.					No growth Sep. 2, 1887.
9962	Test tube beef inf. inf. from 9335 Aug. 23, 1887.					
9963	Slide from 9335 Aug. 23, 1887.					
9964	Test tube agar inf. from 9575 Aug. 23, 1887.					No growth Sep. 2, '87.
9965	Test tube beef inf. inf. from 9575 Aug. 23, 1887.					
9966	Slide from 9575 Aug. 23, 1887.					Slides destroyed 1939

9967	Lake Geneva	Aug 9, 1887.	Entomostraca &c, abt 8	ft. bel. surf. in dp wtr, 10 a.m. No wind
9968	" Zurich	" 2 "	"	" Weeds, shallow water
9969	" "	" " "	"	" Various weeds, shallow water
9970	" "	" " "	"	" Among Potamogeton & other water weeds
9971	" "	" " "	"	" " " "
9972	" "	" " "	"	" Abt 8 ft clear water over Potam. Chara
9973	" "	" 1 "	"	" Weeds
9974	" Geneva	" 4 "	"	" Open water, upper end, 9 P.M. Moonlight
9975	" "	" " "	"	" Weeds & shallow open water Sunlight
9976	" "	" 5 "	"	" At outlet, weeds, 5 P.M.
9977	" "	" " "	"	" Open water, behind stmr, Calm, Sundown.
9978	" "	" " "	"	" Deep water, surface, cloudy, 10 A.M.
9979	" "	" 6 "	"	" Weeds, upper end, sunrise
9980	" "	" " "	"	" Open water, upper end, clear, sunrise, wind
9981	" "	" 7 "	"	" At inlet, 9 P.M. See 14480, 14485
9982	" "	" " "	"	" Upper end, Deep water, Surface; stiff breeze. 9
9983	" "	" " "	"	" " " " " " " See 14482, 14483,
9984	" "	" 8 "	"	" Weeds, 6 ft.
9985	" "	" " "	"	" deep " 9 ft.
9986	" "	" " "	"	" Chara
9987	" "	" " "	"	" At Inlet
9988	" "	" " "	"	" Bottom, 10 fath..
9989	" "	" 9 "	"	" Off. For. Islet (120 fath) Tow net abt 10 ft below surf. 10 A.M. Sun
9990	" "	" " "	"	" Deep water, Towing net [illegible] bel. surf. 4 P.M. Sun Sp. Lea. 1930
9991	" "	" 10 "	"	" Margins.
9992	" "	August "	Fish	
9993	" "	" "	Insects & Vermes	
9994	" "	" "	~~Hygeia~~	
9995	" "	" "	Mud.	
9996	" "	" "	Imago & its pupa skins	
9997	" "	Aug 9 "	4 P.M. Sun. Still. Abt. 10 feet below surface	
9998	Eng Carte	" 23 "	5 ft. mud bottom. Slides destroyed 1939	
9999	Quincy Bay	" " "	Surfaces of wood. At edge of Bay.	
11000	" "	" " "	Deep water (20 ft) under surface	
11001	" "	" " "	" " "	See 15293.
11002	" Long Pond	" " "	Surface	
11003	" Bottoms lake	" " "		
11004	" Bay	" 24 "	Near shore	
11005	Quincy, Aug 24, 1887		Slides destroyed 1939	
11006	Slide of fluids of cabbage unm. dead of contagious disease Aug. 31. '87. Slides destroyed 19			
11007	Slide of fluid exuded from vent recently dead cbg. unm. Aug. 31, '87. Slides destroyed			
11008	Slide blood of living cabbage worm affected with disease Aug. 31. '87. Slides destroyed 1939			
11009	Test tube cyst inf. from bld. cabbage worm recently dead of contagious disease Aug. 31. '87.			
11010	Dupl. of 11009			

11011 Dupl. 11009

11012 Slide of fluid used for 11009, 11010 & 11011 Slidesdestroyed 1939

11013 Test tube agar inf. from bld cbg. urm recently dead of contagious disease ~~Sep~~ Sep. 1. 1887.

11014 Dupl. of 11013

11015 Slide of fluid used for 11013 & 11014 Slidesdestroyed 1939

11016 Slide of alimentary fluid same as 11015 Slidesdestroyed 1939

11017 Slide of mixed fluids from cbg. urm dead of contagious disease ~~Sep~~ Aug. 31, 1887. Slidesdestroyed 1939

11018 Test tube agar inf. from mixed fluids of recently dead cabbage urm Sep. 1, 1887.

11019 Dupl. of 11018

11020 Slide of fluids used for infecting 11018 & 11019 Slidesdestroyed 1939

11021 Plate cult. in agar of same material as 11020

11022 Test tube agar inf. from 11021 Sep. 2, 1887.

11023 Test tube agar inf. from bld. sick cbg. urm. Sep. 2, 1887.

11024 Dupl. 11023

11025 Dupl. 11023

11026 Slide of fluid used to infect 11023, 11024 & 11025 Slidesdestroyed 1939

11027 Slide from 11021 Sep. 3, 1887. Slidesdestroyed 1939

11028 Slide from white growth in 11009 Sep. 5, 1887. Slidesdestroyed 1939

11029 Slide from 11022 Sep. 5, 1887. Slidesdestroyed 1939

11030 Slide from 11010 Sep. 5, 1887. Slidesdestroyed 1939

11031 Slide from 11011 Sep. 5, 1887. White growth. Slidesdestroyed 1939

11032 Slide from 11019 Sep. 5, 1887. Slidesdestroyed 1939

11033 Slide from 11018 Sep. 5, 1887. Slidesdestroyed 1939

11034 Test tube agar inf. from bld. cabbage urm. Sep. 6, 1887. (See note).

11035 Dupl of 11034

11036 Slide of bld used for 11034 & 11035. Slidesdestroyed 1939

11037 Test tube agar inf. from bld sick cabbage urm. Sep. 8, 1887

11038 " " " " " " " " " " " " "

11039 Entomostraca taken in surface net Ill. R. Havana, Sep. 10, 1887.

11040 Muscle from Anicurus Catus Havana, Sep. 9, 1887. Parasitized.

11041 Slide bld. used for 11037 & 11038. Slidesdestroyed 1939

11042 Slide sections from ant. pt. recently dead cbg. urm. larva Sep. 17, 1887. Corr. subl.

11043 Slide " " middle same as 11042

11044 Slide " " post. pt " " "

11045 Slide sections from thorax healthy cbg. urm. Sep. 21, 1887. Corr. subl.

11046 Slide sections from middle same larva as 11045

11047 Slide sections from post. pt. same larva as 11045

11048 Slide sections from ant. pt. healthy cbg. urm. Sep. 21, 1887 Corr. subl.

11049 Slide sections middle same as 11048

11050 Slide sections post. pt. same as 11048

11051 Alimentary canal of cbg. urm. (P. rapae) Sep. 27, 1887.

11052 Slides sections al. canal healthy cbg. urm. Oct. 1, 1887 (Corrosive subl., borax carmine)

11053 Slides sections thorax healthy cbg. urm Oct. 8, 1887 (Corr. subl. & borax carm.)

11054 Slides sections middle same as 11053

11055 Slides same as 11052, post. pt.,
11056 Test tube agar inf. from water from water works Oct. 10, 1887.
11057 Slide ant pt. healthy Cbg. ova (Piropus) Oct. 14, 1887 (Corr. subl. hot)
11058 Slides middle same as 11057
11059 Slide post. pt same as 11057.
11060 Slides through intestine Lumbricus Oct. 21, '87.
11061 Slides sections head end Lumbricus Oct. 25, 1887.
11062 Slides al. canal larva Pieris rapae supposed to be healthy Nov. 1, 1887. Chr. acid 7 grades alc.
11062½ Algae, Soon L. Ill. Sept 29, 87. (Waite)
11063 Slides post. end cbg. ova. from 4009. Prepared Jan. 1888, Stained wi. tinct. cochineal.
11065 Slides same as 11064 from farther forward " " " " " " " "
11066 Section al. canal healthy larva of Pieris rapae
11067 " " " " " " " "
11068 " " " " " " " "
11069 Section healthy larva - Pieris rapae
11070 " " " " " tinct. cochineal.
11071 [illegible] Stained wi. Gober's cochineal Apr. 11, 1888. Slides destroyed
11072 Sections anterior end small Lumbricoid worm from decaying wood Urbana Apr. 1888
11073 " " "
11074 Small Lumbricoid worms; like those from ch. slides 11072 were made. Decaying wood.
11075 Eggs of Tenioden gelatinosa from body of female Peoria April 21 1888. Alcohol preserved
11076 Eggs " " " " " " " " " " " 21 " Tenioden gelatinosa
11077 Sections of eggs from lot 11076. 2 slides, Apr. 26, 1888.
11078 Sections of eggs from lot 11075. 2 slides, Apr. 26, 1888
11079 Sections of eggs from lot 11076. 2 slides, Apr. 26, 1888.
11080 Phosphorescent Sanitarium from Urbana. Apr. 1888 (Coil)
11081 Sections Through Commensal [illegible] Polydora Aug 1888 3 slides
11082 Sections through larva Sericaria mori just ready to pupate (from cocoon) Slides destroyed 1939
11083 Sections healthy alk. ova. begin at end ant. third June 20, '88
11084 Sections through anterior part body Perichaeta from Univ. Hothouse. June, 1888
11085 Sections through healthy pupa Sericaria mori June 22, 1888
11086 Slides cross sections young thickly bulbs Sericaria mori Slides 1 & 2 anterior; slide 3 & 4, middle; slide 5 & 6
11087 Slide of structures of Cyclops from 9986 (See notes)
11088 Slide cross sections healthy larva Sericaria mori (yellow var.) Killed wi. hot. Chromic ac Slides destroyed 1939
11089 Slides cross sections healthy larva Sericaria mori (yellow var) Killed wi. hot alcohol.
11090 Slide of Alona, near tuberculata, & Alonella, from 9985 (See notes)
11091 " " Bosmina crystallina, from 9985.
11092 Latona setifera. " "
11093 Ophrydium, Sp. " "
11094 Slide of Ophryoxus " "
11095 " " Difflugia & Arcella " "
11096 " " Gammarus Sp. 9993
11097 Slides cross sections pupa Sericaria mori (yellow var.) Killed in hot Chromic Slides destroyed 1939

11098 Cornea & pupal chinch bug, with bacteria. Slides destroyed 1939
11099 Micros. insectorum, ad. chinch bug, 17 S. 1888. Odin, Ill. 17. S. 1888. One slide discarded 11/15-38
11100 " " " " " " " Slides destroyed 1939
11101 " " pupal " 24 S. " Maroontah, Ill. 22 S. '88
11102 " " 20 S. '88. From chinchbug. Tosh. Slides destroyed 1939
11103 Test tube gel. inf. from fluids young ch. bg. 3d. stge, alive Sep. 25 1888 surface Odin
11103 11104 " " " " " " same as 11103 " " 25 " puncture "
11107 11105 Test tube gel. inf from fluids pupa ch. bg. alive Sep. 25, 1888 surface Odin
" 11106 " " " " " same as 11105 " " " puncture Odin.
11107 Slide of fluids used for 11105 & 11106 " " " Slides destroyed 1939
11108 Test tube gelatine inf. wi conidia Entomophthora ch. bg. Sep. 27 1888
108 11109 Test tube beef broth inf from same as 11108
11110 Test tube gelatine inf from conidia Entomophthora ch. bg. Sep. 27 1888
110 11111 Test tube beef broth inf. from same as 11110
103 11112 Slide, culture in 11103. Made Sep. 29 1888 Slides destroyed 1939
11113 Test tube ~~ch bug~~ beef broth inf. with ch. bg. Botrytis Sep. 29. '88.
11114 Test tube gelatine inf. with ch. bg. Botrytis Sep. 29. '88.
107 11115 Test tube gelatine inf. by puncture from 11106. Oct. 2. '88.
" 11116 Test tube gelatine inf. by surface scratch from 11106. Oct. 2. '88.
" 11117 Test tube beef broth inf from 11106 Oct. 2. '88.
" 11118 Slide of growth in 11106. Oct. 2. '88.
" 11119 " " " " 11115 " 8 " Slides destroyed 1939
" 11120 " " " " 11117 " 8 " Slides destroyed 1939
11121 Test tube gelatine inf. from white growth of 11116. Oct. 8. '88
11122 Test tube beef broth inf from white growth of 11116. Oct. 8. '88.
124 11123 Slide from white colonies of 11104 Slides destroyed 1939
" 11124 " " yellow colony of " One slide discarded 11/15-38
" 11125 Test tube gel. inf. from growth in 11104 Oct. 9, '88.
" 11126 Slide from 11125, 9 S. '88. Used for 11125. Slides destroyed 1939
126 11127 Test tube gelatine inf. from fluids live pupa from Bird Co. Oct. 3. Made Oct 4. '88.
11128 Slide of fluids used for 11127 Slides destroyed 1939
1131 11129 Test tube gelatine inf. from fluids live pupa from Bird Co. Oct. 3, Made Oct. 11, '88.
11130 Test tube beef broth sweetened wi. grape sugar inf by dusting in bit of dried ch. bg wi. Botrytis spores Oct 11, '88
11131 Slide of fluids used for 11129. Slides destroyed 1939
107 11132 " " 11122. 11 O. '88. Slides destroyed 1939
" 11133 " " 11121 Slides destroyed 1939
" 11134 " " Sporotrichium Botrytis? from the chinch bug. 11 O. 88. Given to B. Brown.
107 11135 Plate gelatine inf. from growth in 11121 Oct. 12, '88
" 11136 Test tube cov. gelatine left from 11135 & inf. wi. same. Oct. 12, '88.
128 11137 Slide from 11127, made 15 O '88.
131 11138 Slide from 11129. Made Oct. 16, 1888. Slides destroyed 1939
" 11139 Test tube gelatine inf. from fluids adult ch. bg. from Maroontah Sep. 22, '88. Oct. 16. '88
11140 Slide of fluids used for 11139 Slides destroyed 1939
31 11141 Test tube gelatine inf. from single colony in 11124 Oct. 16, 1888.

11131 11142 Slide of single colony of 11129, not motile. 16 O. 88. Slides destroyed 1939

" 11143 " " surface growth, colonies of 11129, pure culture, 16 O. 88

11137 11144 Slide surface growth 11135 Made oct. 17, 1888. Slides destroyed 19

" 11145 Slide yellow colonies 11135 Made oct. 17, 1888. Slides destroyed 1

" 11146 Slide white colonies 11135 Made oct. 17, 1888. Slides destroyed 1

11141 11147 Slide from 11139, made O. 18, 1888. Slides destroyed 1939

11121 11148 " " 11141 " " 18 " Slides destroyed 193

11131 149 " " 11130, fluid portion, O. 19. 1888.

" 1150 " " " solid " " Slides destroyed 19

11131 11151 " " 11129, made O 17, 1888. Slides destroyed 193

11152 Test tube buf inf. inf. from growth in 11141, Oct. 20, 1888.

1153 Slide of 11141, O 20 88. Slides destroyed 1939

1154 " 11152, O. 22. 88 Slides destroyed 1939

1155 27 88 Slides destroyed 1939

Slides destroyed 193

Slides destroyed 1939

11158 Test tube beef inf. inf. from 11141, Oct. 29, 1888.

11159 Slide from 12 910, made O. 30 1888. Slides destroyed 1939 Centrum missed

11160 Slides healthy chg. unc. cut Nov. 5, 1888.

11161 Test tube inf. of Lachnosterna larvae inf. wi ch. by. Botrytis recd from Minn. Nov. 6. 18

11162 Botrytis from Panandra bicornis, mounted O 5. 1888

Slides destroyed 1939

11163 Botrytis from chinch bug from Minn. Natural growth. N. 5. 1888.

11164 Botrytis & Entomophthora, chinch bug. S. Ill. 1888.

1165 Botrytis bassiana with Botrytis, Illinois, gloved ferm 1 Dr. 88

1166 Botrytis bassiana with Botrytis, Minn. spores. 1 Dr. 88

11167 Test tube agar inf. from 11158 Nov. 16, 1888 (For Tulane)

11168 Slide from 11158 Nov. 16, 1888 Slides destroyed 1939

Slides destroyed 1939

11175 Entomostraca, Belconda, Oct 3, 1888.

Slides destroyed 193

Slides destroyed 1939

1179 Slide from 1167. Nov. 23, '88. Slides destroyed 1939

11180 Test tube agar inf. from 11167. Nov. 25, 1888.

1181 Test tube Irish moss inf. from 11167. Nov. 25, 1888.

11182 Test tube Irish moss inf. from 11167. Nov. 27, 1888

1183 Test tube Irish moss inf. from 11167. Dec. 3, 1888.

1184 Entomostraca, &c. Breakwater, 3 P.M. [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	"	"	"	7 A.M.	"	"	"	"
[illegible]	"	"	"	Sundown	"	"	Dec 2	"
[illegible]	"	"	"	"	"	"	4	"
[illegible]	"	"	"	8 A.M.	"	"	6	"
[illegible]	"	"	"	10 A.M.	"	"	8	"
[illegible]	"	"	"	"	"	"	Oct 2	"
[illegible]	"	"	"	4 P.M.	"	"	25	"
[illegible]	"	"	"	12 M. after a storm	"	"	Dec 1	"
[illegible]	"	"	"	3 P.M.	"	"	4	"
[illegible]	"	"	"	"	"	"	8	"
[illegible]	"	"	"	"	"	"	11	"
[illegible]	"	"	"	"	"	"	"	"
[illegible]	"	"	"	11	"	"	1	"
[illegible]	"	"	"	7	"	"	5	"
[illegible]	"	"	"	7	"	"	7	"
[illegible]	"	"	"	11 A.M.	"	"	Jan 7	"
[illegible]	"	"	"	1 P.M.	"	"	June 2	"
[illegible]	"	"	"	9 A.M.	"	"	6	"
[illegible]	"	"	"	3 P.M.	"	"	9	"
[illegible]	"	"	"	8 A.M.	"	"	12	"
[illegible]	"	"	"	2 P.M.	"	"	15	"
[illegible]	"	"	"	1	"	"	18	"
[illegible]	"	"	"	7	"	"	22	"
[illegible]	"	"	"	2	"	"	25	"
[illegible]	"	"	"	3	"	"	29	"
[illegible]	"	"	"	4	"	"	July 2	"
[illegible]	"	"	"	2	"	"	6	"
[illegible]	"	"	"	4	"	"	10	"
[illegible]	"	"	"	5	"	"	31	"
[illegible]	"	"	"	"	"	"	[illegible]	"
[illegible]	"	"	"	Sundown	"	"	6	"
[illegible]	"	"	Lake,	10 A.M.	"	"	7	"
[illegible]	"	"	Breakwater,	4 P.M.	"	"	13	"
[illegible]	"	"	"	11 A.M.	"	"	14	"
[illegible]	"	"	River near Station,	10 P.M.	"	"	17	"
[illegible]	"	"	Basin,	2 "	"	"	20	"
[illegible]	"	"	Breakwater	5 "	"	"	24	"
[illegible]	"	"	Basin	"	"	"	27	"
[illegible]	"	"	Breakwater	"	"	"	31	"
[illegible]	"	"	Basin	11 A.M.	"	"	Sept 3	"
[illegible]	"	"	Breakwater	4 P.M.	"	"	7	"
[illegible]	"	"	"	9 A.M.	"	"	10	"

11228 Entomostraca, Ft. Davis, S. C. Chicago, Ill. Sept 18, 1888 Benj. Langdon

11229 " " River, 9 A.M. " " " 17 " " "

11230 " " Excavating, 9 A.M. " " " 21 " " "

11231 " " " 9 A.M. " " " 24 " " "

11232 " " " " " " " 29 " " "

11233 " " " 2 P.M. " " Oct 1 " " "

11234 " " " 10 A.M. " " " 5 " " "

11235 " " Davis, 2 P.M. " " " 8 " " "

11236 " " " " " " " 12 " " "

11237 " " Excavating, 9 A.M. " " " 15 " " "

11238 [illegible] Preserved in the tube in 40% carbol. acid in alcohol Dec. 1

11239 [illegible] 11183 Dec. 15, 88

11240 Slide from growth in 11181 Made Dec. 17, 1888.

11241 Slides following numbers taken up in Catalogue of Havana Station; 11241-11272, 13001-13999 and 1-999 used in general use. (Dec 88)

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